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HENDERSON'S

Everything for the Garden

in 1944...

**ENJOY THE FRUITS
OF VICTORY**



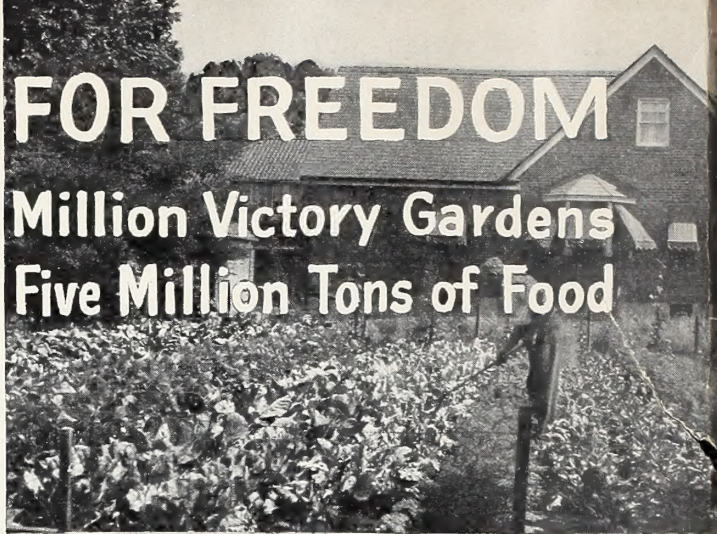
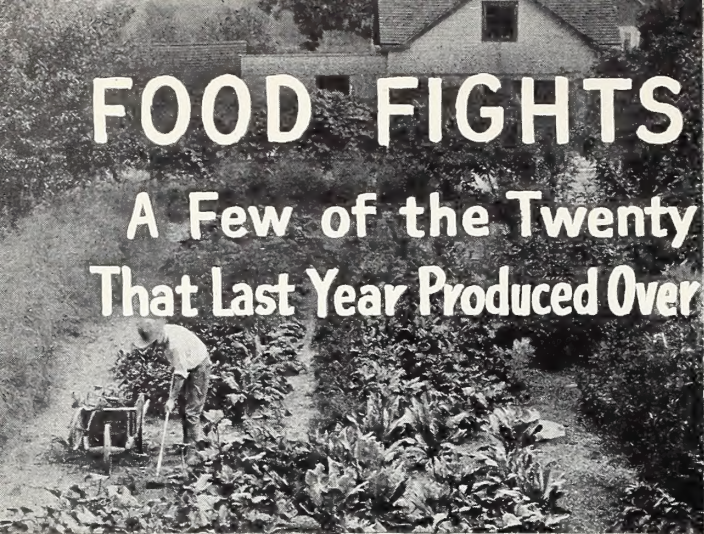
PETER HENDERSON & CO. 35 Cortlandt Street
NEW YORK 7, N.Y.

FOOD FIGHTS

A Few of the Twenty

FOR FREEDOM

Million Victory Gardens
That Last Year Produced Over
Five Million Tons of Food



*Victory Gardeners Throughout
Crops and More Delicious Vegetables*



*America are Enjoying Better
with Henderson's Tested Seeds*

Plan Your Garden Early this Year and Please Order Early To Avoid Delays at Planting Season

It is Easy to Shop by Mail. We are as Near to you as your nearest Mail Box.

Avoid later disappointment by planning your garden during your leisure moments this winter and by placing your order for your garden requirements as early as possible.

Our principal thought in the compilation of this edition of "Everything for the Garden" was to assist you in every possible way to make it easy for you to plan your garden within the comfort of your own home, where selections can be made carefully and unhurriedly.

If you are a beginner in gardening we recommend that you obtain a copy of Henderson's Garden Guide & Record described below. It gives detailed information that will be found very helpful either for planning the layout of a new property or for designing a flower or vegetable garden. It also tells how to start seedlings indoors or in a frame as well as complete cultural instructions for all the popular flowers and vegetables.

See index pages 151-152.

Before ordering, please read instructions on page 152.

Use order blanks inserted under back cover.

All orders filled promptly.

*Complete Information for
Planning, Building and
Maintaining a Garden*

*This 104-page Book Tells
How, What,
When and
Where to Plant*

HENDERSON'S GARDEN GUIDE & RECORD

Sent without charge on orders amounting to \$4.00 or over if requested. Published price 50c.

This new edition contains a wealth of information on Garden Making and Maintenance. Explicit instructions for the cultivation of all the popular vegetables from sowing the seed to harvesting the matured crops. Garden plans show how to obtain maximum results by keeping the garden busy producing crops through scientific crop rotation methods. It also contains specific information on the storing of food crops over winter, modern canning methods, etc.

The aesthetic or ornamental side of gardening has not been neglected. For the book contains concise information concerning the planning of the home grounds together with progressive plans, so that it will be possible for any garden lover to take an undeveloped piece of property and make a garden.

The preparation of the soil, lawn making, the planting of hedges, flowering shrubs and vines, the building of perennial and rock gardens, rose gardens, the annual flower garden, the culture of spring and summer flowering bulbs, tree surgery, etc., are but a few of the topics covered.

All of this is boiled down to fit into a 5 x 8 inch book of 88 text pages and 16 record pages, 104 pages in all.

1847—Ninety-Seven Years of Successful Seed Service to the Gardeners of America—1944

(Copyright, 1944, Peter Henderson & Co., New York)

A Tribute To The Twenty Million

Last year the Gardeners of America—located in every town, village and hamlet, and on every farm in every State in the Union—performed a prodigious and patriotic service for their Country. The millions of tons of food which they produced, have helped immeasurably in hastening the day of ultimate Victory and Peace.

Of the Twenty Million, none enjoyed better or more productive crops than those whose seeds and supplies were obtained from Peter Henderson & Co. Among the Twenty Million were found not only the thousands of experienced gardeners, who in many instances have been loyal and valued Henderson customers through three or more generations, but also many thousands of first-time gardeners, who through their patriotic zeal have come to know the value and joys of producing delicious vegetables in their own garden.

Due to an unprecedented demand for seeds, coupled

with a severe manpower shortage last spring, our facilities were taxed beyond their limits, with the result that some of our customers were subjected to exasperating delays. To them we wish to express our profound gratitude for their understanding forbearance, and kind consideration. To them and all others, we also express our sincere thanks for their valued patronage.

As the need for even larger quantities of food is much greater this year, our Government is again asking the Gardeners of America to make more and larger gardens. We are sure that the American people can be counted upon to do their share, so that we may

In 1944 Enjoy the Fruits of Victory

During the past fall and winter, every effort was made to anticipate the increased demand, in order to handle the greater volume of business as expeditiously as possible.

May we ask your kind cooperation by mailing your order early?

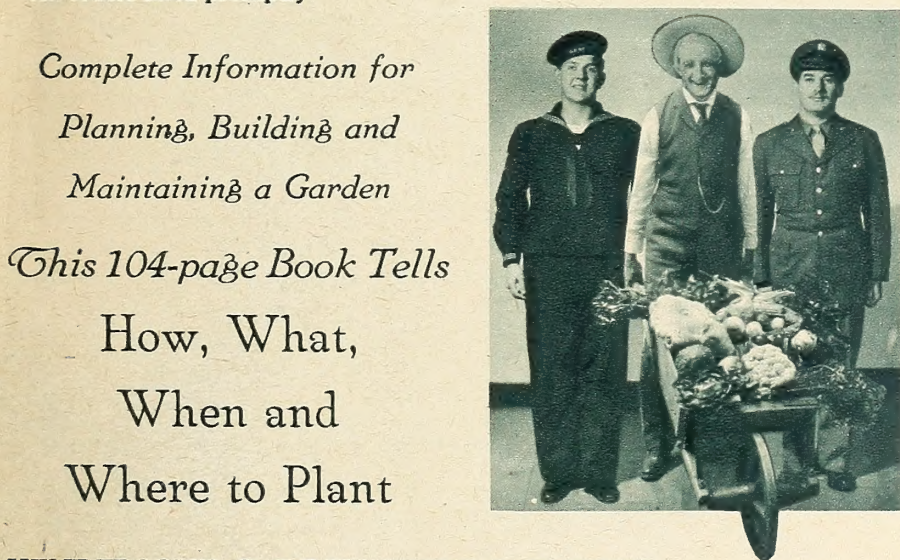
In our eagerness to help the war effort with the production of large crops of food, we must not lose sight of the recreational side of gardening. Nothing can bolster up morale more than a beautiful display of flowers. Undaunted by the strife and turmoil of a war torn world, America's plant hybridizers are working incessantly to produce finer plants and flowers for the beautification of our gardens. A number of new varieties of flower seeds are offered this year, as well as new Roses and other plants which are listed in the plant section of this catalog.

It is our sincere wish that you will enjoy bumper crops of delicious health-giving vegetables and fruits, and quantities of beautiful flowers from your garden.

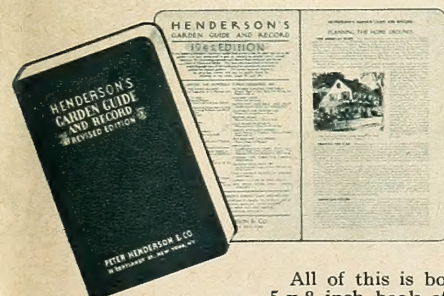
Very truly yours,
PETER HENDERSON & CO.

Peter Henderson

January 1st, 1944



Registered Trade Mark



It Is Easy to Make a Beautiful Lawn Or Repair A Poor One The HENDERSON Way

FOR A NEW LAWN

1. Prepare the ground as soon as it can be worked. Spading is the first step towards a perfect lawn. Spade deep and loosen the soil thoroughly. Next, apply Henderson's Lawn Enricher. If the soil is very heavy, or on the contrary very light and sandy, add Humus (see page 147).
2. Rake backwards and forwards to break all clods and lumps, also to level the ground. The more the rake is used, the better will be the condition of the soil for seeding.
3. Rolling is the next step. A water-weight roller weighing about 400 pounds is recommended. Roll in each direction, levelling the ground and smoothing out any undulations.
4. Before seeding, rake lightly to loosen the soil to a depth of about one-half inch; it is then ready for seeding. When seeding by hand, stake out the lawn into 10 by 10 foot squares, and allow one-half pound seed for each square. Always work backwards; this allows you to inspect your work and to add a little seed here and there where needed.
5. With a HENDERSON FERTILIZER AND SEED DISTRIBUTOR (see page 133) seeding will be greatly simplified, as a more even distribution of fertilizer or grass seed is obtained. When the grass has reached the height of 1 1/2 inches, it is ready for cutting.
6. Keep the lawn mowed to about 1 inch; this allows the grass plants to spread and establish a thick, healthy turf. By seeding and feeding the lawn both in spring and fall, a vigorous turf can be maintained at all times.

TO REPAIR OR RENOVATE A LAWN

Give the entire lawn a thorough raking with an iron or steel tooth rake. This should be done in spring as soon as the ground is workable to loosen the topsoil and aerate the lawn, also to remove dead grass sticks, stones, etc. Next, apply Hydrated Lime at the rate of 10 pounds to 200 square feet. Lime conditions the soil and liberates food elements which the plants are otherwise unable to obtain.

A few days later, Lawn Enricher should be raked in, in the same proportion as the lime. Having thoroughly worked both of these ingredients into the ground, reseed with The Henderson Lawn Grass Seed Mixture. Seeding should be done early in spring. This will allow the grass to become well established before hot weather sets in.

Watering is an important factor, and it cannot be too strongly emphasized that after seeding—particularly if the weather is hot and dry—watering with a fine sprinkler is most essential. Do not sprinkle the lawn lightly, but allow the sprinkler to rotate slowly and thoroughly soak the ground gradually, to obtain a deep water penetration. This will produce quick germination and encourage deep root growth. An occasional topdressing of half the above mentioned quantity of Henderson's Lawn Enricher, thoroughly watered in, during the summer will keep the lawn vigorous and healthy.

Henderson's Grass Seed For all Turf Requirements Delivered Transportation Paid in the U. S. A.

SPECIAL "BENT FORMULA"

It Makes Every Lawn Like a Putting Green

A combination of the finest re-cleaned Grasses, using as a basis for this mixture the imported and domestic Bent Grasses which are so largely used in the finer Putting Greens of today.

A lawn seeded with this mixture and properly cared for will in truth make every lawn a Putting Green. On a lawn of this type, Clock Golf and other lawn games may be enjoyably played.

It is imperative in maintaining a lawn of this type that the grass should be kept cut short and well rolled all through the season. Starvation of the grass plants is the most frequent cause of unsatisfactory lawns, and grass needs constant small applications of fertilizer and plenty of water to maintain a perfect lawn.

We advise seeding at the rate of one pound to cover a space of 10 x 20 or 200 square feet.

Price, 1/2 lb., 60c; 1 lb., \$1.10; 5 lbs., \$5.00; 10 lbs., \$9.00; 25 lbs., \$22.00; 100 lbs., \$80.00.

TERRACE SOD

This is a special mixture of Grasses best suited for sowing on terraces, embankments and hillsides; Grasses that produce long, strong spreading roots, thus preventing heavy rains from washing them out; that will withstand drought, thrive on shallow soils, and at the same time produce a rich, velvety-green turf throughout the season.

Sow seed at the rate of 1 lb. for 200 sq. ft.; 5 lbs. for 1,000 sq. ft.

Price, 1/2 lb., 45c; 1 lb., 80c; 3 lbs., \$2.20; 5 lbs., \$3.75; 10 lbs., \$7.00; 25 lbs., \$16.50; 100 lbs., \$65.00.

SUNNY SOUTH

It is especially prepared for the South, and contains all the best Grasses that are by nature adapted for hot, dry situations. Sow seed at the rate of 1 lb. for 200 sq. ft.; 5 lbs. for 1,000 sq. ft.

Price, 1/2 lb., 45c; 1 lb., 80c; 3 lbs., \$2.20; 5 lbs., \$3.75; 10 lbs., \$7.00; 25 lbs., \$16.50; 100 lbs., \$65.00.

TOUGH TURF

For Tennis Courts, Croquet Grounds, Bowling Greens, etc.,

The turf required for outdoor sports must be closely interwoven firm, elastic, smooth, and durable to stand the wear and tear. These requirements are met in this mixture, which is composed of fibrous, deep-rooting Grasses that spread and intermingle. The seeds are blended in the proper proportions to form and maintain a tough matted sward, constantly green, even in dry weather. These varieties of Grasses, being low-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than one pound should be used for 200 square feet, or 100 to 150 lbs. per acre, although 50 per cent more may be used with advantage. Half that quantity will do for renovating. This mixture has been used with great success at the Rumson Polo Fields, also at the Forest Hills Tennis Courts, the great sport centers for Tennis, and numerous other playing fields.

Price, 1/2 lb., 40c; 1 lb., 70c; 3 lbs., \$2.00; 5 lbs., \$3.25; 10 lbs., \$6.25; 25 lbs., \$15.00; 100 lbs., \$55.00.

SEASIDE

Our "Seaside" mixture will make a good turf of green on sand where the finer Grasses will not thrive, though, of course, the sand must be top-dressed with not less than 2 inches of soil before even our "Seaside" Grass Seed is sown, to enable the young Grass to get a start, after which the long roots—peculiar to the varieties we used in this mixture—drive down deeply in the sand and remain permanently self-sustaining, if attention is given to sprinkling during dry weather. Sow seed at the rate of 1 lb. for 200 sq. ft.; 5 lbs. for 1,000 sq. ft.

Price, 1/2 lb., 40c; 1 lb., 70c; 3 lbs., \$2.00; 5 lbs., \$3.25; 10 lbs., \$6.25; 25 lbs., \$15.00; 100 lbs., \$55.00.





A Henderson Lawn Makes a Perfect Frame for a Beautiful Landscape Picture

The "Henderson" Lawn Grass Seed *Is Used On The Most Beautiful Lawns in America*

**It Produces a Carpet of Unrivalled Emerald Green and in Four Weeks
from Sowing It Is Ready for Mowing**

A good lawn is unquestionably the most beautiful and most essential feature of the home grounds; or of any landscape development. Nothing else can set off the architectural beauty of a building to better advantage than a well-made, well-kept lawn. A beautiful lawn is not only valuable from an aesthetic viewpoint, or because it promotes pride of ownership, but it also has intrinsic value, actually increasing the value of the property upon which it grows.

A lawn made with THE "HENDERSON" LAWN GRASS SEED is practically permanent. Customers tell us that lawns made with this mixture twenty or more years ago are as beautiful today as when they were first made.

It should be borne in mind when considering the making of a lawn that the cost of the seed represents only a small part of the actual investment. The labor cost is usually far in excess of the cost of the seed. It is therefore

false economy to save a few cents by buying a mixture of grass seeds obtained from a questionable source, only to be obliged to endure the annoyance and expense of continually repatching a weedy, irregular turf and perhaps being forced to do the entire work over again in a short time.

Henderson's celebrated Lawn Grass Seed Mixture has been thoroughly tested by a country-wide use during three-quarters of a century. It is the fruit of years of our personal experience and study, coupled with that of many of America's foremost gardeners, who steadfastly maintain and unite with us in saying that it has no superior for American conditions and the American climate. The rapidity with which it will form a deep green, velvety turf, has been the delight of gardeners since its introduction, for, under ordinary conditions, the bare soil will be clothed with an emerald carpet of living green in four weeks' time.

AMOUNT OF SEED REQUIRED

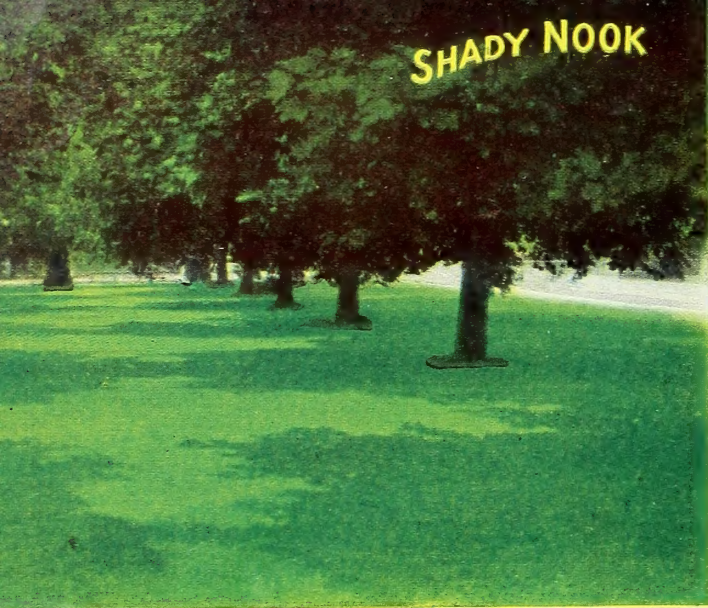
<i>Size of Plot</i>	<i>Square Feet</i>	<i>Quantity</i>
10 x 20	200	1 lb.
20 x 50	1,000	5 lbs.
20 x 100	2,000	10 lbs.
50 x 100	5,000	25 lbs.
200 x 200	40,000	100 to 150 lbs.
For renovating, use half these quantities.		

Price of The "Henderson" Lawn Grass Seed Mixture (Delivered Transportation Paid)

1/2 lb. 40c; 1 lb. 70c; 3 lbs. \$2.00; 5 lbs. \$3.25; 10 lbs. \$6.25; 25 lbs. \$15.00; 100 lbs. \$55.00

"How to Make a Lawn" is the name of our pamphlet containing full instructions for making a new lawn, or for renovating an old one. A copy is enclosed in every package of grass seed. Also sent to customers upon request.

SHADY NOOK



SHADY NOOK

Henderson's Approved Formula—
The Ideal Grass Seed Mixture
for Shaded Areas

On nearly all lawns there are unsightly bare spots under the shade of trees, which have baffled all efforts to get into Grass, but with this mixture there need be no further difficulty. It is a combination of fine, dwarf growing, evergreen varieties, which in their wild or natural state are to be found growing in the woods or other sheltered and shaded spots. Ground that has been densely shaded by trees is frequently "sour," and if the drainage is defective it is apt to be covered with moss and coarse Grasses. In such cases an application of slaked lime, at the rate of one hundred pounds to each thousand square feet, or two tons to the acre, is an excellent corrective and sweetener, but the moss should be first raked off. Sow seed at the rate of 1 lb. for 200 sq. ft.; 5 lbs. for 1,000 sq. ft.

Price, ½ lb., 45c; 1 lb., 80c; 3 lbs., \$2.50; 5 lbs., \$3.75; 10 lbs., \$7.00; 25 lbs., \$16.50; 100 lbs., \$65.00.

SPECIAL STANDARD NEW JERSEY LAWN FORMULAS

Recommended by The New Jersey State Experiment Station
Sow at the rate of 1 lb. for 250 square feet

FORMULA No. 1

With White Clover. For Lawns on fair to good soils.

lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Price 75c	\$3.50	\$6.50	\$15.00	\$55.00

FORMULA No. 1-A

No White Clover. For Lawns on fair to good soils.

lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Price 75c	\$3.50	\$6.50	\$15.00	\$55.00

FORMULA No. 2

For Renovating established Lawns to produce thick turf.

lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Price 90c	\$4.00	\$7.75	\$18.50	\$70.00

FORMULA No. 3

For shaded area where soils are fair to good.

lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Price 90c	\$4.25	\$8.25	\$20.00	\$75.00

FORMULA No. 4

A mixture for Terrace Slopes and for clayey, shaley, or sandy soils.

lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Price 75c	\$3.50	\$6.50	\$15.00	\$55.00

STANDARD LAWN SEED

Our Standard Mixture has proven satisfactory to many of our customers, and where low cost is important, we recommend this mixture. It is composed of fine re-cleaned grasses, and produces a good, quick turf. Sow at the rate of 1 pound to 200 square feet.

Price, lb., 50c; 3 lbs., \$1.45; 5 lbs., \$2.35; 10 lbs., \$4.50; 25 lbs., \$11.00; 100 lbs., \$40.00.

WHITE CLOVER

An excellent clover for lawns, makes a close, compact growth, covering the ground like a carpet. It also prevents the washing out of soil during heavy rains. Thrives well on all soils.

Price ¼ lb., 45c; ½ lb., 80c; 1 lb., \$1.50; 10 lbs., \$14.50.

Lawn, Athletic or Golf Course Grass Mixtures are delivered transportation paid in the U. S. A.

Enjoy Sportier Sports on Turf Made With Henderson's Grass Seed

ATHLETIC FIELD MIXTURE

For Baseball, Football, Athletic Fields and Parks

Henderson's Athletic Field Grass Seed Mixture produces a close, compact and densely matted turf of great resiliency, though free from slipperiness. The grasses are fine-leaved, deep-rooting and of an attractive, refreshing green. In Henderson's Athletic Field Grass Seed Mixtures we have developed a mixture of grass seeds upon which we can confidently stake our reputation of over three-quarters of a century. The seed, if sown under proper conditions, will form a turf, ready for mowing, in about four weeks.

Price, lb., 70c; 10 lbs., \$6.50; 25 lbs., \$15.00; 100 lbs., \$55.00.

POLO FIELD MIXTURE

Used on the leading American Polo Fields

The refreshing green and the close turf which have attracted the attention of hundreds of thousands of patrons of the principal Polo Grounds of the Country were produced by this special mixture. Among others we may mention the Polo Grounds at Meadowbrook, where the famous international matches are played; Newport, Lakewood, Rockaway Hunt, Saratoga, also some of the leading Polo Fields in the West and Middle West. Sow 150 lbs. per acre.

Price, lb., 70c; 10 lbs., \$6.50; 25 lbs., \$15.00; 100 lbs., \$55.00.

PUTTING GREEN MIXTURE

Bent Formula

Putting Greens sown with a properly blended mixture of grasses are in most cases far superior to those on which only one variety is sown. They come into play quicker after seeding; they present a more attractive appearance from early spring to late fall; and due to the fact that the roots draw their nourishment from various depths in the soil, a more resistant and durable turf is formed.

Henderson's Putting Green Mixture consists of a combination of Bent varieties, Chewings Fescue and Fancy Red Top; and is conceded to be the best mixture that scientific skill, and many years of experience can produce. Sow from 75 to 100 lbs. for the average 90 x 90 ft. green.

Price, lb., \$1.25; 10 lbs., \$10.00; 25 lbs., \$22.50; 100 lbs., \$85.00.

FAIRWAY MIXTURE

On most Golf Courses the Fairways receive far less attention than the Putting Greens; it is therefore important that a mixture of grass seeds be sown that will produce a fine, well knit elastic turf, requiring a minimum amount of attention. The importance of good Fairways cannot be overestimated, for walking on a springy turf that is pleasing to the eye, is one of the added attractions of the game.

Henderson's Fairway Mixture is specially blended to fulfill these requirements. Sow 150 to 200 lbs. per acre, according to the nature of the soil. For renovating use half this amount.

Price, lb., 70c; 10 lbs., \$6.50; 25 lbs., \$15.00; 100 lbs., \$55.00.

SPECIAL MIXTURE FOR BUNKERS

As bunkers and mounds frequently become extremely dry and parched, we have developed a mixture that will give satisfaction under these trying conditions.

Price, lb., 70c; 10 lbs., \$6.50; 25 lbs., \$15.00; 100 lbs., \$55.00.

SPECIAL MIXTURE FOR THE ROUGH

As more attention is now given to the refinements of the game, the Rough is no longer allowed to be covered with weeds, but is sown with a re-cleaned grass seed mixture such as offered here, in order to produce a fair, though not unduly troublesome penalty for the players. Sow 150 lbs. per acre.

Price, lb., 70c; 10 lbs., \$6.50; 25 lbs., \$15.00; 100 lbs., \$55.00.

SPECIAL MIXTURE FOR TEES

This Special Mixture composed of extremely deep rooting grasses that will stand great wear is combined with the stoloniferous types that will cover the divot scars quickly. Sow at the rate of 10 lbs. to 1,000 square feet.

Price, lb., 70c; 10 lbs., \$6.50; 25 lbs., \$15.00; 100 lbs., \$55.00.

The Preservation of Garden Food Crops

Canning—Quick Freezing—Dehydrating—Cellar and Outdoor Storage

Long before the establishment of emergency food rationing, the garden owner enjoyed a distinct advantage over his city brethren for the quality, flavor and superior excellence of the fresh vegetables and fruits which he harvested from his garden. Today the gardener is not only performing a patriotic service to his country by growing food crops, but also has eliminated for himself many of the annoyances which portion rationing entail. In addition to enjoying fresh vegetables and fruits throughout the entire summer, provisions should also be made to preserve an abundant supply for winter use. It is a comparatively simple matter to do this as there are now many methods available to the average householder.

CANNING

The U. S. Dept. of Agriculture estimates that over four billion jars of vegetables and fruits were canned by householders throughout the country last year and it is expected that a larger quantity will be processed during the coming year. Lack of space does not permit us to go into detail in describing the various methods employed. Berries, fruits and other acid products, including Rhubarb and Tomatoes, are easily sterilized by the hot water bath method. Vegetables, on the other hand, because of their low acidity and hard texture require much more severe sterilization. It is for this reason that a pressure cooker is the ideal apparatus for the most satisfactory results. The usual method for vegetables is to prepare the products as for the table, taking care to eliminate all waste and to wash them carefully. The prepared vegetables are then put into jars, covered with brine, and the jars are heated by standing them in boiling water, where they are allowed to remain until a temperature of 200° F. is reached. They are then removed from the boiling water and closed. The jars are then placed in the pressure cooker and kept therein under a pressure of about 10 lbs. for a varying length of time ranging from one-half to one hour, depending on the kinds of vegetables. A processing table is contained in Henderson's Garden Guide and Record.

QUICK FREEZING

This is one of the newer methods of preserving food and one of the best from the standpoint of the quality of the product. Formerly it was thought that freezing ruined vegetables. Today we know that if the vegetables are precooked or blanched before freezing, their flavor, nutritive and vitamin value may be retained for many months. The present limiting factor to this method of food preservation is the scarcity of freezing equipment. For those who are so fortunate as to own a home cabinet, the preservation of the garden products offers no problem at all. However, many communities now have commercial storage houses equipped with private storage lockers which will hold anywhere from 100 to 200 lbs. of food, and which offer a very simple solution to the food preservation problem.

The quality of the quick frozen products taken out of the locker depends almost entirely upon the quality of the vegetables or fruits put in. Quick freezing cannot put into the product, quality, color and flavor if it was not originally there; consequently, care should be taken to grow for freezing purposes only those varieties of vegetables and fruits which have proven to be best adapted for this purpose. There are many varieties which are favorites for fresh or canning use that are not suitable for freezing. Up to the present time, no satisfactory methods have been devised for the freezing of Cabbage, Celery, Cucumber, Lettuce, Radish or Tomatoes. The following are among the varieties recommended:

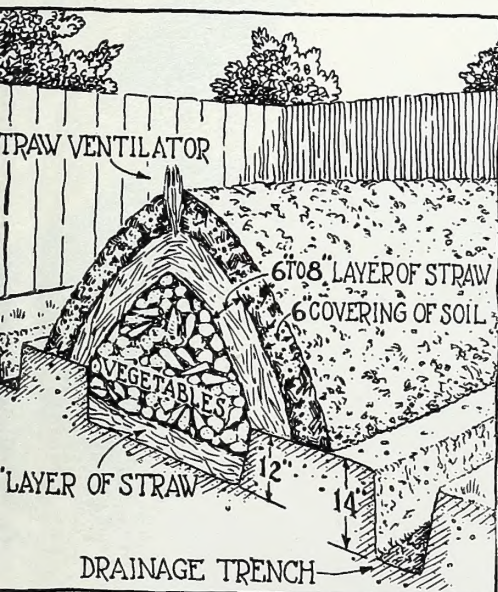
VEGETABLES

Asparagus, Washington
Beans Green Bush, Bountiful or Tendergreen
Beans Wax, Pencil Pod or Round Pod Kidney Wax
Beans Lima, Henderson Bush or Fordhook
Broccoli, Riviera
Brussels Sprouts, Long Island
Carrot, Red Core Chantenay or Nantes Half Long
Cauliflower, Snowball
Corn Sweet, Golden Bantam, Golden Cross Bantam, or Country Gentleman
Kale, Curled Scotch
Peas, Prosperity, Laxtonian, Laxton's Progress, Telephone
Pepper, California Wonder
Rhubarb, MacDonald
Spinach, Bloomsdale Savoy or Summer Savoy

FRUITS

Blackberry, Blowers
Blueberry, All cultivated varieties
Boysenberry, Hybrid
Dewberry, Lucretia or Young's
Rasperry, Latham
Strawberry, Dorsett

There are numerous ways in which the various foods may be prepared for freezing. Literature on this subject can be obtained from your state Agricultural Experiment Station.



CROSS SECTION OF VEGETABLE STORAGE PIT

DEHYDRATING

This is perhaps the oldest form of food preservation known to man. It was practiced extensively during the Biblical days when the sun's rays were used as the dehydrating agent. Today inexpensive dehydrating equipment can be purchased, which may be operated on a cook stove or by electricity.

The reason for the extraordinary interest that is being manifested in this method of food preservation is due to the fact that in dehydrating 85 to 95 percent of the weight of the vegetable is removed. It is estimated that a ton of leafy vegetables, such as Spinach, when dehydrated will weigh only about 50 pounds. This method is therefore ideal where storage space is at a premium.

Many vegetables, including Beans, Beets, Carrots, Sweet Corn, Cabbage, Peas, Turnips, Spinach, etc., can be successfully dehydrated. Root vegetables such as Beets, Carrots, and Turnips are cut and diced and placed on the dehydrator trays, where they are allowed to remain after the heat has been applied until they are dry and brittle. They are then removed and placed in air-tight containers, where they can remain until wanted for use.

CELLAR STORAGE

A cool storage space in the cellar that may be shut off from the heated portion is an ideal place to store such vegetables as Potatoes, Beets, Cabbage, Carrots, Parsnip, Turnip, Rutabaga, Salsify, etc. The shut-off section should have an outside window or air duct. The inside walls should be insulated with celotex or some similar product. In the autumn the outside window should be kept open whenever the outside temperature is lower than that of the storage room. Later when the weather becomes cold, the ventilation should be regulated so that the temperature in the storage space remains a few degrees above freezing. Should the storeroom become very dry, it is advisable to sprinkle the floor occasionally. Onions keep best if they are placed on a tray and kept in a cool dry room.

OUTDOOR STORAGE

The simplest Outdoor Storage is a pit constructed as shown in the illustration below. An excavation about one foot deep is made in a suitable location in the garden. The shape and size will depend to some extent upon the quantity of vegetables to be stored. Six inches of straw is placed on the bottom of the pit, and the vegetables piled on it in a mound or cone. Over these a six to eight inch layer of straw or hay is placed to protect them from early frost. A wisp of straw or tile to act as a ventilator should protrude from the pile about every six feet to prevent heating, sweating or rotting of the roots. Just before freezing weather sets in, cover the mound with two inches of soil and finally add about four more inches of soil when heavy freezing sets in. Beets, Carrots, Turnip, Ruta Baga, Parsnip, Salsify, Leek, Cabbage and Celery will keep in prime condition over a long period of time. In storing Cabbage, Celery and Leek, the roots should be left on, the plants packed upright with the roots touching the damo soil.





GIANT WAX POLE BEAN



PREMIER CABBAGE

A Quint of Henderson Quality

56 UNRIVALED Wax Bush Bean The earliest prolific Wax Podded variety

(See description, page 11)

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00.

28 TENDERGREEN Bush Bean

(See description, page 10)

Price, pkt., 15c; ½ lb., 30c; lb., 50c;
5 lbs., \$2.00.

22 HENDERSON STRINGLESS Bush Bean

(See description, page 10)

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00.

93 GIANT WAX Pole Bean

(See description, page 13)

Price, pkt., 25c.

273 PREMIER Cabbage

(See description, page 15)

Price, pkt., 25c; oz., \$1.35.



Henderson's Victory Garden Collections of VEGETABLE SEEDS

These collections are made up of varieties of known merit, that have been selected in quantities for the allotted garden space, to produce a continuous supply of delicious high quality vegetables throughout the entire season. They contain well balanced percentages of green and yellow vegetables and all are high in food values. They save time and at least 25 per cent off the regular list prices of the seed.

7006 COUNTRY GENTLEMAN VICTORY GARDEN Collection \$6.00

For a Country Estate Vegetable Garden, 75x75 Feet
This well-planned assortment of 38 varieties will furnish a continuous supply of fresh vegetables for the table all through the season, and also provide some for winter storage.

Each collection contains a Garden Guide which will help the gardener in laying out the plot, and also in the cultivation.

1 lb.	BEANS, BUSH	1 pkt.	LETTUCE
	Bountiful (Green)		New York
1/2 lb.	BEANS, BUSH	1 pkt.	LETTUCE
	Surecrop (Wax)		Big Boston
1/2 lb.	BEANS, BUSH	1 pkt.	MUSKMELON
	LIMA		Hales Best
	Fordhook	1/2 oz.	ONION, Early
1 pkt.	BEANS, POLE	1 pkt.	PARSLEY
	Old Homestead		Emerald
1 oz.	BEET	1/2 oz.	PARSNIP
	Early Wonder		Hollow Crown
1 oz.	BEET, Detroit	1 lb.	PEAS, EARLY
	Dark Red		Thomas Laxton
1 pkt.	CABBAGE	1 lb.	PEAS, LATE
	Charleston		Telephone
	Wakefield	1 pkt.	PEPPER
1 pkt.	CABBAGE		Ruby King
	Marion Market	1 oz.	RADISH
1 oz.	CARROT, Dan-		Scarlet Globe
	vers Half Long	1/2 oz.	RUTA BAGA
1 pkt.	CAULIFLOWER		Long Island
	Snowball	1 oz.	SPINACH
1 pkt.	CELERY, Easy		Summer Savoy
	Blanching	1 pkt.	SQUASH, Early
1/2 lb.	SWEET CORN		Pro. Straightneck
	Golden Bantam	1 pkt.	SQUASH
1/2 lb.	SWEET CORN		Table Queen
	Golden Cross	1 pkt.	SQUASH
	Bantam		Hubbard
1 pkt.	CUCUMBER	1/2 oz.	SWISS CHARD
	The Henderson		Green Plume
1 pkt.	ENDIVE	1 pkt.	TOMATO
	Green Curled		Bonny Best
1 pkt.	KALE	1 pkt.	TOMATO
	Dwarf Curled		Marglobe
1 pkt.	KOHL RABI	1 pkt.	TOMATO
	E. White Vienna		Ponderosa
1 pkt.	LETTUCE	1 oz.	TURNIP, Purple
	Grand Rapids		Top White Globe

7004 SUBURBAN VICTORY GARDEN Collection of 24 Varieties \$3.00

A Complete Vegetable Garden, 50x50 Feet

This collection is for the average size family. Cultural instructions are included with every collection so that anyone can succeed in producing quantities of vegetables.

1/2 lb.	BEANS, BUSH	Bountiful (Green)
1/2 lb.	BEANS, BUSH	Surecrop (Wax)
1 pkt.	BEANS, POLE	Old Homestead
1 oz.	BEET	Early Wonder
1 pkt.	CABBAGE	Charleston Wakefield
1/2 oz.	CARROT	Danvers Half Long
1 pkt.	SWEET CORN	Golden Bantam
1 pkt.	SWEET CORN	Golden Cross Bantam
1 pkt.	CUCUMBER	The Henderson
1 pkt.	ENDIVE	Green Curled
1 pkt.	LETTUCE	New York
1 pkt.	MUSKMELON	Hales Best
1 pkt.	ONION	Early Yellow Globe
1 pkt.	PARSNIP	Emerald
1 pkt.	PARSNIP	Hollow Crown
1/2 lb.	PEAS	Thomas Laxton
1/2 lb.	PEAS	Telephone
1 oz.	RADISH	Scarlet Globe
1 oz.	SPINACH	Summer Savoy
1 pkt.	SQUASH	Early Prolific Straightneck
1 pkt.	SWISS CHARD	Green Plume
1 pkt.	TOMATO	Bonny Best
1 pkt.	TOMATO	Marglobe
1 pkt.	TURNIP	Purple Top White Globe



VEGETABLES IN VARIETY FROM THE HOME GARDEN

7000 CITY VICTORY GARDEN Collection of 12 Varieties \$1.00

The popular Dollar Box of Seeds for the City Garden.
Cultural instructions included.

1/2 lb.	BEANS	Bountiful
1 pkt.	BEET	Early Wonder
1 pkt.	CABBAGE	Charleston Wakefield
1 pkt.	CARROT	Danvers Half Long
1 pkt.	SWEET CORN	Golden Bantam
1 pkt.	ENDIVE	Green Curled
1 pkt.	LETTUCE	Grand Rapids
1 pkt.	PARSNIP	Emerald
1 pkt.	RADISH	Scarlet Globe
1 pkt.	SPINACH	Summer Savoy
1 pkt.	SWISS CHARD	Green Plume
1 pkt.	TURNIP	Purple Top White Globe

Henderson's Vegetable Seed Collections are delivered transportation paid anywhere in the United States.



Seed testing scenes at Henderson's Trial Grounds, Red Bank, N. J. Trials of Bush Beans.



Seed samples being tested in one of our greenhouses at Red Bank, for germination and viability.



Cabbage trials at Red Bank. Henderson's Cabbage seed is famous for uniformity and trueness to type.



Lettuce trials at Red Bank. Heading varieties and Romaine, a few samples of late garden Peas in the background.

Vegetables and Fruits are Nutritional and Protective Foods

None can compare with those grown and picked fresh from your own garden. They are our principal sources of vitamins that are so essential to growth in children and good health and vigor at all ages. The vitamin source of meat and dairy products is also obtained from the vegetation consumed by the animals.

NUTRITIVE FOOD VALUES OF THE POPULAR VEGETABLES AND FRUITS

The word vegetable is derived from the Latin "vegetabilis" which means enlivening or animating. The enlivening effect of both vegetables and fruits to the human system is generally recognized. Doctors frequently warn us against eating too much meat or too much sweets or too much of this or that, but rarely if ever, warn us against eating too many vegetables. Great emphasis is placed by those in charge of the diet of our armed forces upon the feeding of plenty of vegetables and fruits to our soldiers.

The following chart prepared by the N. Y. State College of Home Economics, shows the approximate nutritive food values of the popular vegetables and fruits. It will be noted that the vitamin content is very high when compared with other foods.

Food	Average Oz.	Serv- ing Cal.	Pro. Grams	Fat (Approx)	Carb	Ca %	P Daily Allowance	Fe	Vitamins				Ribo- flavin mcg.
									A I. U.	B ₁ mcg.	C mg.		
Asparagus	3.5	26	2	0	4	3	3	8	700	210	35		120
Beans, string	3.5	42	2	0	7	7	4	10	1000	75	15		120
Beets	3.5	46	2	0	10	4	3	8	0	45	5		30
Beets, greens	3.5	33	2	0	6	12	3	27			50		450
Berries	3.5	62	1	1	12	4	2	8	150	45	7		
Broccoli	3.5	37	3	0	6	18	5	12	9000	111	70		225
Brussels sprouts	3.5	58	4	1	8	3	9	10	200	180	75		
Cabbage	2.6	24	1	0	4	4	2	3	75	56	45		68
Cabbage, Chinese	1.8	8	1	0	1	3	2	4	1000	38	20		23
Cantaloupe	13.6	50	1	0	10	8	2	13	450	90	45		90
Carrots	3.5	45	1	0	9	6	3	5	2100	60	5		60
Cauliflower	3.5	31	2	0	5	15	5	8	30	150	75		105
Celery, bleached	3.5	20	1	0	3	10	4	5	10	30	5		35
Chard, Swiss	3.5	25	1	0	4	13	4	26	9000		38		90
Corn, sweet	9.0	100	3	1	19	2	8	11	1275	344	26		153
Cucumbers	2.1	8	0	0	2	1	1	2	12	27	6		14
Dandelion	3.5	52	3	1	9	11	3	26	12,000		100		
Eggplant	3.5	28	1	0	5	1	2	4	35	45	10		30
Grapes	3.5	78	1	1	15	2	3	6		45	3		24
Kale	3.5	44	3	1	8	23	5	21	20,000	150	125		600
Lettuce	1.8	9	1	0	1	1	2	2	50	38	7		23
Mustard greens	3.5	31	3	0	5	28	5	47	135	125			
Onions	3.5	49	2	0	10	5	4	4	0	30	8		90
Parsnips	3.5	65	2	1	14	8	6	7		120	23		
Peas, garden	3.5	100	7	1	17	3	10	18	1000	420	25		195
Peppers, sweet	2.5	20	1	0	4	1	1	2	3500	21	88		84
Potato	4.2	100	3	0	22	2	5	9	36	144	16		54
Rhubarb	3.5	18	1	0	4	6	1	5			20		
Rutabagas	3.5	41	1	0	9	9	4	4	1750	45	20		
Spinach	3.5	24	2	0	3	10	3	22	25,000	120	75		375
Squash, winter	3.5	43	2	0	9	2	2	5	4000	45	5		75
Squash, summer	3.5	19	1	0	4	2	1	3	1000	45			45
Tomato	3.5	21	1	0	4	1	2	3	1100	78	23		60
Turnips, white	3.5	35	1	0	7	8	4	4	0	36	30		36
Turnips, green	3.5	37	3	0	5	43	4	29	10,000	120	150		360
Watermelon	14.0	50	1	0	14	4	2	7		96	13		48

cal. = calories
pro. = protein
P = phosphorus

Key to symbols in this chart:

carb. = carbohydrate
ca. = calcium
Fe = iron

I.U. = international units
mg. = milligram
mcg. = microgram
(1000 mcg. = 1 mg.)



World's Finest Tomatoes
Grown at Red Bank

FOR VICTORY

**BUY
UNITED
STATES
WAR
BONDS
AND
STAMPS**

That you and your family
may enjoy the American
Way of Life and the beauty
and fruits of your Garden
for many years to come.

GARDEN

**FOR
ICTORY**

**A Patriotic
Combination
Sure to Win**

The Vegetable Gardens of America

Are a Vital Factor in the Win the War Program

On this and the following pages are offered our complete list of vegetable seeds. The varieties offered are the finest and the highest developments in their respective classes and have, by rigid tests at our trial grounds (as required by the Henderson Standard of Perfection), proven their worth to occupy space in this catalog, for the benefit and enjoyment of our customers. Many of them, originated by us during the past ninety-seven years, are to-day household words throughout the Nation.

Notwithstanding labor shortages and transportation difficulties, our stocks are fairly complete. However, in order to avoid disappointments and delay when the planting season approaches, we urge our customers to place their orders as early as possible.

Although there have been increased costs in the production of seeds, Our Prices are the Lowest, consistent with the Quality of the Seeds we Offer.

Never before in the history of our Nation have the Gardeners of America been motivated by a more impelling opportunity to perform a worthwhile service for their country. Everywhere, individuals, civic groups, garden clubs, 4-H clubs, Boy and Girl Scouts, etc. are digging and planting in order to do their part to help win the war and preserve for generations to come American Freedom and the American Standard of Living.

Aside from the patriotic effort and the healthful food values of vegetables, the economy of home grown food must not be overlooked. One customer wrote, "The high cost of living does not worry us, because from \$3.00 worth of your seed plus a little healthy labor we obtained \$125.00 worth of delicious vegetables." It cannot be denied, that the high quality of crisp and tender vegetables, ripened to perfection, and picked fresh from the garden cannot be purchased in a store at any price.

Last season the results of Henderson's High Quality Vegetable Seeds were displayed at Victory Garden Harvest Shows throughout the Nation.



The culture of quality and prize-winning vegetables are given in Henderson's Garden Guide & Record (price 50c per copy); sent free on request with order amounting to \$4.00 or over.



ASPARAGUS *CULTURE*—*Asparagus* may be grown in almost any soil or situation, but special success is attained in thoroughly enriched, deeply dug sandy loam. Beds cared for improve with age, lasting for many years. *Asparagus* may be grown from seed, but as it should not be cul before it is three or four years old, time is saved by buying and planting roots. For complete cultural instructions, send for pamphlet "*Asparagus Culture*."

GIANT WASHINGTON ROOTS

Some varieties of *Asparagus* seem to be afflicted with rust, but Giant Washington—developed under the auspices of the United States Agricultural Department—is declared to be peculiarly immune from this disease. The shoots are of giant size, very vigorous, straight, and what is still more important, of extra good quality. Dark green tinged with purple.

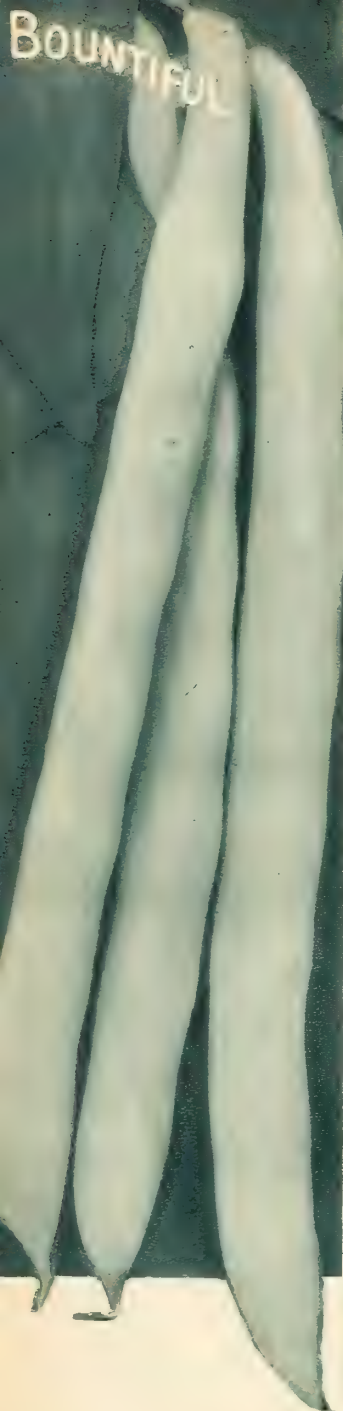
Owing to dry weather in the growing areas, *Asparagus* Roots are smaller than usual this season.

SOLD IN BUNDLES OF 50 ONLY

	Per 50	Per 100
Two-year-old roots. . . .	\$3.25	\$6.00
Delivered, Transportation Paid.		

207 GIANT WASHINGTON SEED

Price: pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.



BUSH BEANS GREEN PODDED

CULTURE—Sow every two weeks from early May until August for succession crops in the latitude of New York. Further south, sow earlier; further north, later. Plant two inches deep in drills two and one-half feet apart. Plant seeds two inches apart, thin out plants to stand four inches apart. They commence bearing in six to eight weeks. 2 lbs. to 100 feet of drill.

28 TENDERGREEN

(See Color Plate, Page 6)

First in Quality—The Bean De Luxe

For those who demand quality above all else, we recommend Tendergreen. The pods are absolutely stringless and fiberless, with a delicious flavor and a melting tenderness that distinguishes them as the ultimate in quality. Tendergreen is not an erratic producer, but a dependable and prolific bearer. It is one of the earliest beans in cultivation. The vigorous plants average from 14 to 15 inches high, the stems are stout and rigid, the foliage is heavy, glossy and attractive. The pods are deep, rich green in color, extremely brittle, perfectly round, and 6 to 6½ inches long.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

1 BOUNTIFUL

Flat, Green-Podded, Stringless

Introduced by us thirty years ago, this superior, stringless bush bean is in greater demand today than any other variety in cultivation. The plant is very vigorous, almost immune from disease, hardy, early and prolific. It bears rich green pods, of immense size, thick, broad, extra long, very uniform in shape, solid, meaty, and of high quality, meltingly tender and having a delicious flavor exclusively their own. The pods are stringless and entirely free from any tough, membranous lining when young, and this tender "snap brittle" quality is retained even to maturity.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

10 DWARF HORTICULTURAL

Useful either as snap beans or for shelling green. Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00.

14 FRENCH HORTICULTURAL

Produces 7-inch pods generously splashed with brilliant red or carmine. Used as a snap bean or for shelling green.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00.

18 GIANT STRINGLESS

Pods meaty, round, brittle and stringless. Prolific cropper.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

21 THE PRINCE

Used for forcing. Pods often measure 10 to 12 inches. Good flavor, stringless in early stages.

Price, pkt., 15c. Seed Supply Limited.

26 REFUGEE STRINGLESS

The young pods are fine for canning and pickling whole. A popular late variety.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

27 STRINGLESS BLACK VALENTINE

Matures early and produces large crops. A great improvement on the old popular Black Valentine.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

SHELL BEANS (OR BAKING VARIETY)

Grown mostly as dried beans for winter use. Culture same as Green-pod Bush Beans, but shell beans should be left on vine until pods are matured. Vines are then cut and allowed to dry before threshing. 1 lb., to 100 feet of drill.

31 WHITE MARROW

A large, plump bean of high quality; productive on good soil.

Price, pkt., 10c; lb., 45c; 5 lbs., \$2.00.

22 HENDERSON STRINGLESS

(See Color Plate, Page 6)

Stringless, Meaty, Rust-Resisting

The "Henderson" Stringless Bush Bean is absolutely stringless from the first to the last picking and is quite free from rust. The vine is upright, strong and healthy; about one and a half to two feet in height, and bears a heavy crop of meaty, tender pods six to seven inches in length in about seven weeks from planting the seed. The quality and flavor of the pods are unexcelled, and even when canned they retain their color and flavor just as if freshly picked from the vine. We recommend it to our customers, knowing that it will give great satisfaction.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

29 STREAMLINER

A new white seeded addition to the dwarf green podded group. The plants are strong, vigorous, and produce a heavy crop. The pods are medium green in color, exceptionally long, measuring 8 to 10 inches, flat, and practically straight. The quality is excellent, the pods being tender and stringless, and retain their high quality until near full maturity. Season 50 days.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00

24 PLENTIFUL

The plant is large, medium dark green, exceptionally vigorous, highly productive, and from our observations last season, appears to be more resistant to disease than most varieties. The pods are quite similar to Bountiful, measuring 6½ to 7 inches long, but not quite as wide and slightly darker green, straight, flat, entirely stringless, and of the highest quality.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.



PLENTIFUL

BUSH BEANS WAX PODDED

The modern varieties of Wax Beans are delicately flavored and are at their best when grown in the home garden. When the beans are formed, it is advisable not to cultivate among the plants, particularly in the early morning when the plants are covered with dew. Culture same as that recommended for Green Bush Beans on Page 10. Ask for Leaflet "Garden Culture of Beans."

44 GOLDEN AGE WAX

The Superlative Quality Wax Bean

We have named this supreme product of the horticultural art "Golden Age," because we believe its advent is an achievement in the science of plant breeding. Besides being absolutely stringless, it is remarkable for its rust-resisting and disease-resisting qualities. The plants are vigorous in growth, and bear heavy crops of transparent, tender, golden, waxy pods, delightful to the eye, and ready to pick in 45 days from the planting of the seed.

Price, pkt., 15c; ½ lb., 30c; 1 lb., 50c.

57 TOP NOTCH GOLDEN WAX

An improved Golden Wax. This variety is stringless. Pods are a clear golden yellow, 5 inches long, of excellent quality and a good canning variety. Ready for picking in about 50 days.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

34 Succession Collection of BUSH BEANS, GREEN and WAX

The Surest Way to Enjoy Delicious Beans All Summer. This collection is made up of standard varieties, selected to give a continuous supply of garden beans throughout the season.

Bountiful. Green. Plant for early.

Refugee Stringless. Green. Plant for late.

Pencil Pod Black Wax. Plant for early.

Sure Crop Wax. Plant for medium early.

Prices: 1 pkt. each of 4 sorts.....\$.40
 ½ lb. " " " 4 " 1.00
 1 " " " 4 " 1.75

55 SURE CROP WAX

Clear Amber, Stringless Pods. Ideal for the Home or Market Garden

Strong Grower, Dependable Cropper

The beautiful amber pods average 6 to 6½ inches long. They are straight and brittle, stringless and of excellent flavor. The plants are large and robust, and produce excellent crops. This variety is an established favorite in all sections of the country where beans are grown.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

56 Unrivald Wax

Earliest Wax Podded Variety Grown

Very Prolific. See Color Plate Page 6

It is above all else the earliest Wax Bean within our knowledge. We have found it two days earlier than any other in our trials, which alone renders it extremely valuable. The color develops very early in the growth of the pods, which remain tender for a long period. The flavor is excellent, and both plant and pod are free from rust and blight.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00.

35 PENCIL POD BLACK WAX

One of the oldest varieties grown, which has been so greatly improved that it compares favorably with newer sorts. It is very early, enormously productive and of fine quality.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

54 ROUND POD KIDNEY WAX

An early stringless wax variety. Pods waxy pale yellow, 5½ to 6 inches long, round, very fleshy, brittle, entirely stringless and of excellent quality. Suitable for putting up in jars for winter use.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00.

33 EDIBLE SOY BEAN (Bansei)

National attention has been focused on these beans, and everyone is eager to grow them. This variety has produced excellent crops in different sections of the country. Green or dry, the beans are delicious, and an excellent source of vitamins A, B and G. Is early and productive. The plants grow 24 in. high, and are covered with pods. They do not require support. Beans are ready for use 96 days from sowing.

Price, pkt., 10c; ½ lb., 30c; lb., 50c.



The Henderson Garden Fertilizer (See Page 145) contains all the food elements required to produce good crops of Beans.



BUSH LIMA BEANS

CULTURE—These dwarf or bush forms of pole Limas come into bearing much earlier and do not require poles or other support to climb on; and they continue in bearing for weeks. Being more tender than Dwarf Snap Beans, the seed cannot be planted as early. Plant about the middle to latter part of May around New York. The rows should be two and one-half feet apart, the seed sown edgewise in the drills six inches apart and covered one inch. They commence bearing in from twelve to fifteen weeks, according to the earliness of the variety. Do not brush against bean foliage when wet. 1 lb. to 100 ft. of drill.

69 EARLY GIANT

True Bush, Enormous Pods and Beans

(See Color Plate, Page 21.)

This variety is the best possible Bush Lima Bean, possessing every quality so long known and esteemed in the older pole varieties, and can be grown as easily as any Snap Bean. It is the earliest of the large bush sorts.

The strong, rugged plants of true bush form, 1½ feet in height, are of healthy, sturdy, upright growth, requiring neither poles nor stakes and bear from July until frost almost unbelievable quantities of 5- to 6-inch pods, each containing usually four large, thick beans, averaging as large as those of the large pole Limas, and whether used green or cured, they are of superb quality—tender, rich and buttery, the true Lima flavor. In the green state their tender freshness is maintained beyond the ordinary, accounted for by the pods being unusually fleshy and thick and the foliage luxuriant and sheltering.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

72 FORDHOOK

A Favorite with the Home and Market Grower

One of the best known and most widely grown Limas in cultivation. It is an extremely heavy cropper, just a few days later than our Early

Giant. The bush, which grows stiffly erect about 16 to 20 inches high, holds the broad, plump pods well above the ground so that they do not become beaten or discolored by wind or rain. The pods usually contain from 3 to 5 large plump beans of excellent quality. This variety is equally as valuable for the home gardener as for the market grower.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.



78 IMPROVED HENDERSON

Yields Continuously from Early Summer to Frost—Suitable for all Sections, North and South

The original Bush Lima Bean, the "Henderson," was defective in size, and though because of its extreme earliness, thousands of our customers were enabled to grow Lima Beans where none had grown before, the defect remained until the introduction of the "Improved Henderson," which is at least 50 per cent. larger than the original. Though a day or two later, it is still ten days earlier than other bush forms, and weeks earlier than any of the pole varieties, yet retaining all the remarkable qualities of its predecessor.

It grows as freely and is just as dependable in the North as in the South; in fact, it is suitable for all sections. The quality is excellent, possessing the rich, buttery flavor common to all Limas.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

75 HENDERSON

The Original "Baby" Lima Bean

It produces a continuous crop from the time it comes into bearing (it is fit for the table in the latitude of New York the middle of July) until frost, and, being enormously productive, a very small patch will keep a family supplied with this splendid vegetable through the season. The plant forms a compact bush about 18 inches high. The Beans are the size of the Sieva or small Lima, and of delicious quality.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25

PETER HENDERSON & CO., 35 Cortlandt St., New York 7, N. Y.



POLE LIMA BEANS

up, about two weeks later than other beans, or in the latter part of May around New York.

POLE LIMA BEANS are grown in hills three feet apart, in rows four feet apart, but being very tender, the seeds should not be planted until the ground has warmed

85 LEVIATHAN The Earliest Pole Lima Bean Grown

Many growers prefer the pole varieties of Limas. These are later than the bush sorts, and in some localities there is difficulty in maturing the crop. In Northern States, or where by reason of continued cool nights the growth is less rapid, Leviathan will be found admirably adapted.

The plant is strong and takes to the poles more readily than any other sort. It is fully a week earlier than any other pole variety, therefore can be grown successfully where other sorts would be caught by frosts of early autumn. It is a prodigious cropper, producing its pods in large clusters, well filled with large, fleshy Beans, pale green in color, of a rich, buttery flavor.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00.

90 IDEAL

Of Gigantic Size. Tenderness and Flavor Superb

The vine does not differ materially from that of the ordinary pole varieties. Its chief distinction lies in the size of the pods, which hang in wonderful profusion on the vines. The average yield is greater than in any other variety.

Though a little later than our early Leviathan, it is just as early as the ordinary pole varieties and continues to produce enormous crops until frost.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00.

POLE BEANS

CULTURE OF POLE BEANS

—These are planted about the middle of May, in hills from three to four feet apart. From five to six seeds are planted in each hill, about two inches deep. Rough cedar, or similar poles seven or eight feet long should be used for Pole Beans to climb on. 2 lbs. to 150 hills. 30 lbs. to the acre in hills.

93 GIANT WAX (See Color Plate, Page 6)

Truly a Giant, Bears Pods 8 to 10 in. Long

Since its introduction in 1932, Giant Wax has won many admirers. It is a show bean par excellence, as it develops beautiful, unblemished, flat pods 8 to 10 inches long and clear amber yellow in color.

The plant is vigorous, tall and very resistant to disease. The giant pods are produced in abundance over a long period. Notwithstanding its large size, the bean is of fine texture, free from string in the young stages, very brittle and tender. As an exhibition bean it excels all others.

Price, pkt., 25c.

96 OLD HOMESTEAD or Kentucky Wonder

This most popular, green-podded snap Pole Bean is a marvel of continued productiveness and is ten days earlier than any other green-podded Pole Bean. First pickings may be made in the latitude of New York early in July, and the vine will continue to produce in abundance until frost.

The pods hang in great clusters from the top to the bottom of the vine and can be gathered by the handful; they are very large, 6 to 8 inches in length, stringless, plump, meltingly tender and of superb flavor.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00.

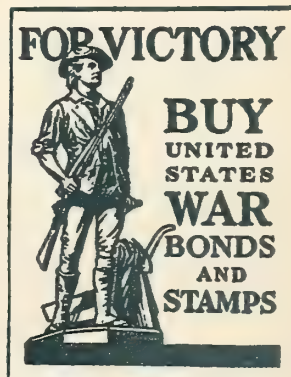
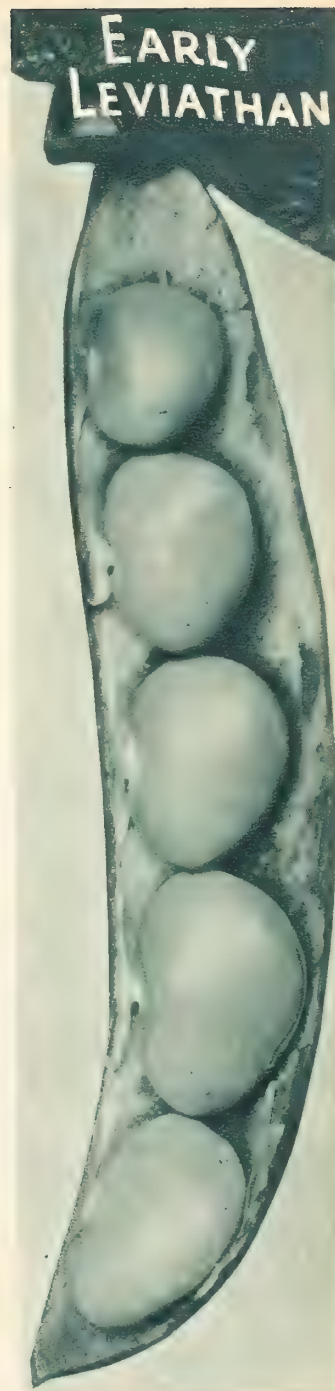
98 SCARLET RUNNER

A 10-foot ornamental vine for shade, with dazzling scarlet flowers. Pick pods when half grown for use as "snap."

Price pkt., 10c, ½ lb., 30c; lb., 50c.



OLD HOMESTEAD or KENTUCKY WONDER



Aphis, Bean Beetles and other insects that attack Bush and Pole Beans can readily be controlled by spraying with Henderson's Stabilized Rotenone described on page 144.

BEETS HENDERSON'S SELECT TABLE VARIETIES

enriched the year before with well-rotted manure. For early, sow in spring, as soon as the ground is fit to work, in drills about one foot apart and one inch deep. For main crop sow the first week in May, and for winter use, sow in June or July. These dates are for the latitude of New York. South, sow earlier; north, later. When the seedlings have attained four leaves, thin out to four inches. Our booklet, "Garden Culture of Root Crops," is forwarded free on request. It describes the culture of Beets.

CULTURE—1 oz. to 50 feet of drill; 5 lbs. to the acre in drills. The best soil for Beets is light, and

212 CROSBY'S EGYPTIAN Special

The largest of the very early sorts. It is very quick to attain size. The shape is a little flat, but very uniform. The tops are small, and the whole plant grows easily and quickly. The flesh is somewhat lighter in color than usual, but it is very attractive.

Price, pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$2.85.

214 DETROIT DARK RED (See Color Plate on Back Cover)

Probably the best of the larger sorts. It succeeds equally well at all seasons, and is one of the best to sow in early spring, to succeed the extra early and medium crop sorts. It may be sown about August 1st (in the vicinity of New York) for a crop to store for winter. The flesh is solid, always tender, of good flavor and excellent color.

Price, pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.10; lb., \$3.25.

216 EARLY BLOOD TURNIP

Very attractive in appearance, the roots being smooth and uniform, and the color deep blood red. The flesh is tender and sweet, and it is an excellent variety for canning. This variety should be sown for a late crop on account of its quickness in maturing. For winter storage it is unexcelled.

Price, pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$2.85.



EARLY WONDER BEET

219 EARLY WONDER

Early Wonder matures two weeks earlier than most other varieties and is very highly recommended for spring and summer sowing; it can also be planted later in the season than any other kind for the last crop of the year. The skin is deep red and the flesh dark in color, fine grained and particularly tender and sweet.

Price, pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$2.85.

226 EXTRA EARLY EGYPTIAN

When sown in the open ground in favorable weather, the roots may be pulled for table use in June, at which time they are the size of a small apple, and their flavor is at its best. The root grows almost entirely out of the ground, to which it is held by a slender tap-root. The skin is very smooth; violet-red in color; flesh of a dark blood color.

Price, pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$2.85.

239 BEET Succession Collection

Enjoy delicious sweet and tender beets throughout the entire season by planting Henderson's Succession Collection.

Extra Early Egyptian, for first crop. **Early Blood Turnip**, midseason. **Detroit Dark Red**, late.

Price, Coll. 3 pkts., 25c; 1 oz. each, 95c.

Everything for the Garden—Peter Henderson & Co., New York



BROCCOLI

241 RIVIERA

The Improved Italian Type —A Delicious Vegetable

(See Color Plate, Page 21.)

Famed for its tender, delicious and savory flavor, also for its healthful and obesity-reducing qualities, and lastly for its extreme ease of culture.

The plant grows about two feet high, is branching in character, and each branch terminates in a green sprout. When the green sprouts, which are actually a mass of flower buds, have developed to two or three inches across (and before the flowers appear), they are ready for use.

It thrives anywhere. For an early crop, start the seed in a cold frame and transplant seedlings in the open ground after frost.

For late crop, start seed in the open ground during the early Summer months. It is cooked and served like Cauliflower.

Price, pkt., 25c; 1/2 oz., 90c; oz., \$1.75.



BRUSSELS SPROUTS

242 LONG ISLAND STRAIN

(A Special Dwarf Selection.)

This is a fine strain of Sprouts, grown extensively for the New York market, where they bring a good price, especially during the winter. The plants produce a large crop.

Price, pkt., 25c.



CABBAGE

CULTURE—For earliest crop, start seeding hotbed in February, cover seed one-half inch. Transplant in April, eighteen inches apart in rows and two feet between rows. For late crop start seeds in May or June outdoors in good, rich soil and transplant in July.

EXTRA EARLY and EARLY VARIETIES

254 CHARLESTON WAKEFIELD

The pointed-head Cabbages are of excellent quality, quite free from the coarse rankness so commonly associated with Cabbage. Henderson's Charleston Wakefield is larger, but fully equal in quality to any of its class and admirably suited to succeed the very early sorts.

Price, pkt., 10c; oz., 60c.

269 GOLDEN ACRE

Golden Acre Cabbage is an early round-headed variety resembling Early Market in shape and type, but is smaller. It is also eight to ten days earlier than that well-known variety. It will remain on the field for a long time without bursting.

Price, pkt., 15c; oz., 75c.

259 EARLYKROP

One of the earliest round-headed Cabbages on the market. It finishes with the Earliest Wakefield type; but unlike that type, it remains in perfect condition on the field for a long time without bursting or bolting to seed. This is a very desirable quality for the home gardener who wants his crop to extend over a long period of time.

Price, pkt., 15c; oz., 75c.

262 EARLY MARKET

The plant is small, with short stem, and few outer leaves. These have the excellent habit of curving inward, thus providing protection to the head.

For home use its remarkably fine quality and tenderness will be greatly appreciated. There is an entire absence of coarse veins and leaves, and it has the quality peculiar to some of the best sorts of hardening the head before it has attained its full size.

Price, pkt., 15c; oz., 75c.

Cabbage is a healthful food. It contains calcium, phosphorus and iron as well as all the vitamins.



260 EARLY JERSEY WAKEFIELD

The Best First-Early, Pointed-Head Cabbage

The heads are pyramidal in shape, having a blunted or rounded peak. It is beyond question the best variety for spring and early summer in the private garden. Its first appearance brings a welcome change from the hard-headed winter sorts, for Early Jersey Wakefield is attractive in appearance and essentially good in quality.

Price, pkt., 10c; oz., 60c.

273 PREMIER

(See Color Plate, Page 6)

It is the earliest of all the round-headed varieties, fully 3 to 4 days earlier than Earlykrop. The head is a trifle smaller, the plant is more compact; it can therefore be planted closer than other sorts, so that quality cabbage can be grown in even the smallest garden. The heads are very firm, and the quality is delicious, tender and succulent.

Price, pkt., 25c; oz., \$1.35

"Yellows" Resistant Varieties

267 RESISTANT COPENHAGEN MARKET (Early)

This "yellows" resistant strain matures about the same time as our ordinary Copenhagen Market, and the heads are about the same size. Where "yellows" is prevalent, growers may depend on the variety to produce an early crop of excellent round heads.

Price, pkt., 15c; oz., 90c.

263 MARION MARKET

(Second Early)

One of the first resistant strains to be developed. Marion Market has proven very profitable for many growers because of its dependability and heavy yields, even on yellows infected soil. The plants and heads are larger than Copenhagen Market.

Price, pkt., 15c; oz., 80c.

275 RESISTANT GOLDEN ACRE

(Extra Early)

This strain has proven highly resistant to "yellows" and has made it possible for growers to produce a good crop of early Cabbage in many areas infested with this disease. The heads closely resemble our strain of regular Golden Acre, but mature a day or two later.

Price, pkt., 15c; oz., 85c.

277 WISCONSIN HOLLANDER No. 8 (Late)

This is a "yellows" resistant strain of the Danish Ballhead type. An excellent late variety for storage and shipping. The plants are large and very hardy. The heads are large, practically round and solid.

Price, pkt., 15c; oz., 85c.

CABBAGE

CULTURE: Second Early and Late varieties of Cabbage are sown outdoors in May or June in a small seed bed and transplanted to the garden in June or July. When the Cabbage Moth makes its appearance, spray with Henderson's Stabilized Rotenone Spray, described on page 144.

SECOND EARLY or SUMMER VARIETIES

274 SUCCESSION

The Most Celebrated Second-Early Variety

The heads become solid long before they are fully grown, so that heads of satisfactory size may be cut long before it is at its best.

Is so finely bred, so free from coarse veining of the leaves, that in addition to its reliability and sure cropping quality, it possesses all the fine qualities of the very best earlier varieties. Succession Cabbage is much sought after, and much seed is offered as "Succession" which is spurious. True stock can only be obtained direct from us.

Price, pkt., 10c; oz., 65c.

LATE VARIETIES

258 DANISH BALL HEAD

This short stem type is popular on account of the great solidity and weight of the heads; it is a strong, vigorous grower, producing large, round, compact heads, almost as hard as iron, weighing, when trimmed, fully one-fourth more than any other Cabbage of equal size; in consequence, it keeps in condition until spring.

Price, pkt., 15c; oz., 85c.

268 LATE FLAT DUTCH

It produces very large, round, flattened heads, very uniform, is firm and hard, a reliable header even under unfavorable conditions, and is one of the best late fall and winter-keeping Cabbages.

Price, pkt., 10c; oz., 55c.



257 CHI-HI-LI—also called CELERY CABBAGE

This variety is the most popular of any of the Chinese types and very dependable in heading. The heads are 18 to 20 inches in length, 3 to 4 inches thick at the base, and taper slightly near the top or tip. They are very solid, well blanched, crisp, and of a delicious flavor.

Price, pkt., 15c; oz., 75c;
¼ lb., \$2.25.

See page 5 for information about storing cabbage for winter use.

16



SAVOY VARIETY

250 AMERICAN DRUMHEAD SAVOY

The Savoy Cabbages differ from all other in the peculiar crumpled character of the leaves.

Although excellent at any season of its growth, the Savoy Cabbage is never at its best until touched by frost.

Price, pkt., 15c; oz., 85c

RED VARIETY

270 MAMMOTH ROCK RED

A large-growing, select strain, producing very solid heads, weighing 10 to 12 lbs. each; color, intense dark red.

Price, pkt., 15c; oz., \$1.10.

CHINESE CABBAGE

Chinese Cabbage is a fine vegetable when cooked like other cabbage, but it is delicious when used as a salad

This is one of the most valuable vegetables for the Victory Garden; it is a heavy yielder and the plant is rich in valuable and healthful minerals.

CARROTS

CULTURE—Prefers a deep, mellow soil. Sow seed in April for an early, or in July for a fall crop. Sow seed half an inch deep in rows twelve inches apart. Thin out to three inches apart. If their growth is checked, carrots split and become rooty. To avoid this, water them thoroughly during a drought. Make successive plantings so as to insure a constant supply all summer. Seed may be sown from early Spring to as late as August 15th.

HENDERSON'S SELECTION OF SUPERIOR TABLE VARIETIES

292 CORELESS

(See Color Plate, page 21.)

The Most Popular of all Home Garden Carrots

Its beautiful appearance alone wins favor for it wherever grown. Besides, its coreless, rich red-orange flesh possesses a sweet, melting tenderness that appeals even to those who otherwise are not fond of carrots. The shape is cylindrical, stump-rooted, about 6 inches long. It is clean skinned, smooth and very early.

Price, pkt., 15c; oz., 60c; ¼ lb., \$1.80.

289 CALIFORNIA BUNCHING

Grown extensively in California for shipment to the Eastern markets. It is an excellent variety for the home gardener, because of its attractive appearance and high quality. The roots are about 8 inches long, slightly tapered, and at maturity practically cylindrical and stump rooted. The skin is smooth, deep orange in color. The flesh is of fine grain, and exceptionally sweet.

Price, pkt., 10c; oz., 55c; ¼ lb., \$1.55.

290 CHANTENAY

A popular favorite for its rich orange-red color, its fine grained flesh, its superb flavor. Fully developed, it averages 6 inches in length, is broad at the neck and narrows gradually to a round, blunt base.

In the latitude of New York, it may be sown in the latter part of April for an early crop, and from the 1st to the 20th of June for the main crop.

Price, pkt., 10c; oz., 55c; ¼ lb., \$1.55.

300 NANTES HALF LONG

A shapely, stump-rooted variety, of medium size, and one of the best for private gardens for summer use; medium early.

Price, pkt., 15c; oz., 60c; ¼ lb., \$1.80.

307 SUPREME HALF LONG

This new variety is an improved, more slender, coreless type of Danvers with shorter tops. The roots are 6 to 7 inches long, about 2 inches in diameter at the shoulder and taper to a blunt tip. The skin is smooth, and of an excellent deep color. The flesh is reddish orange, tender, and of splendid flavor. The core is small and of the same color as the flesh.

Price, pkt., 10c; oz., 55c; ¼ lb., \$1.55.

309 RED CORE CHANTENAY

We feel confident that the popularity of this strain will outrival that of the old Chantenay, because in this type, the core has been practically bred out. The color is also deeper and richer, which gives the beautifully-shaped roots an even more attractive appearance. In all other respects it possesses the fine qualities of its parent, Chantenay.

Price, pkt., 10c; oz., 55c; ¼ lb., \$1.55.

312 CARROT SUCCESSION COLLECTION

Nantes Half Long, Chantenay, Danvers Half Long.

Price Col., 3 pkts., 30c; 1 oz. each, \$1.65.

310 TENDERSWEET

(See Color Plate, page 21)

The Sweetest, Tenderest and Hardest Carrot Grown

An outstanding sort for the home gardener because it represents quality at its zenith. It is a favorite with the market grower because its beautiful orange-red color and attractive appearance sells it on sight. The plant is distinct; the leaf-stalks dark purplish-green. The roots when fully matured average from 8 to 10 inches long. They taper slightly from shoulder to a blunt end.

Price, pkt., 15c; oz., 55c; ¼ lb., \$1.55.

294 DANVERS HALF LONG

A dependable, handsome, half-long cylindrical, stump-rooted Carrot of a rich dark-orange color; it grows to a large size, is smooth, and the flesh is very close in texture with very little core. It is a first-class Carrot for all soils, and has yielded 25 to 30 tons per acre, with the smallest length of root of any now grown. It is more easily harvested than the longer types, and is excellent to store for winter, for stock or table use.

Price, pkt., 10c; oz., 55c; ¼ lb., \$1.55.

SUPREME HALF LONG

Carrots are one of the most important members of the Victory Garden group. Besides furnishing us with the priceless carotin which is so important in maintaining good eyesight, it is also rich in iron and other minerals. Aim to have an adequate supply throughout the entire season by planting the Succession Collection.





Henderson's
Famous Cauliflower "Snowball"

323 SNOWBALL

Incomparably the Best for Spring or Fall Crops. An Excellent Forcer. It Has Won More Prizes Than Any Other Variety in Cultivation.

The Genuine Is Obtainable Only Direct From Us

Beyond all question, **Henderson's Snowball** is the one perfect Cauliflower for the American gardener. In most sections of the United States the best and most satisfactory crop is grown from seed sown outdoors about May 20th and transplanted during July, so that the plants make their best growth during the cooler months. For this crop, Henderson's Snowball is unsurpassed.

Henderson's Snowball Cauliflower, grown from seed sown under glass in February and transplanted after frost, will produce perfect heads of snowy whiteness in the open ground by June 1st. There is none to equal it in value for forcing under glass for a winter crop; for which it is especially adapted by reason of its compact, upright habit, quick growth, and sure-heading quality. For all purposes and at all seasons it has become indispensable, owing to its reliability in heading, its strong, vigorous habit, and the whiteness of its perfectly formed flowers. It is, without doubt, the ideal Cauliflower, perfect in size, in reliability, in color, and in quality.

Price, pkt., 35c; $\frac{1}{2}$ oz., \$2.75; oz., \$5.00.

327 SUPER SNOWBALL

This is an extra early strain of the Snowball type. Besides being extra early, the heads of "flowers" mature with greater uniformity, making it possible to harvest a large percentage of the crop in the first cutting.

The plants are vigorous and strong. The leaves, especially the inner ones, are well folded or curled over the heads. The heads are large, uniform in size, deep, and solid. They mature early and many times the entire crop is harvested before any heads of the later types are ready. One of the most profitable varieties for market.

Price, pkt., 35c; $\frac{1}{2}$ oz., \$3.25; oz., \$6.00.

CAULIFLOWER

Although Cauliflower may be grown as easily as Cabbage, we urge those who are not familiar with its cultivation to ask for our free pamphlet, "Cultivation of the Cauliflower."

1 oz. will produce about 3,000 plants



Henderson's Extremely "Primosnow"
Early Cauliflower

322 PRIMOSNOW

The Earliest Quality Cauliflower Ever Offered

This is an ideal type. It possesses many of the characteristics of our famous Snowball—good form, good size, great depth, and above all, a beautiful snow-white, firm head free from ricyness or leafiness. The plant is sturdy; the foliage of fine conformation, the inner leaves being incurved, give ample protection to the developing flower. **Primosnow** is the earliest high-quality cauliflower that has ever been developed. It is ready to cut fully 8 to 10 days before Snowball.

Price, pkt., 50c; $\frac{1}{2}$ oz., \$3.50; oz., \$6.50.

326 SNOW KING

Produces Fine Medium-Sized Heads on Poor Land Where Tender Varieties Fail

It is now possible for the small garden owner to grow excellent Cauliflower even in back yards and small gardens where soil conditions are none too good. Snow King possesses many valuable characteristics, one of the most important of these is its **Hardiness**. It is also a winner because of its **Earliness**.

Snow King will also be enjoyed because of its delicious flavor, its creamy whiteness, and prove to be an invaluable addition to the dietary because of its high vitamin content. The very dark green leaves, shorter than those of most Cauliflowers, are strongly ribbed, which is a sure indication of the hardiness of the plant, and its ability to survive very trying conditions. They curl in at the top, thus protecting the young heads.

Price, pkt., 25c.

Beware of imitations. We have always controlled Henderson's Snowball Cauliflower and unless the seed is bought directly from us you do not get the genuine, as we do not supply it to dealers.

PETER HENDERSON & CO., 35 Cortlandt Street, New York 7, N. Y.

CELERY

CULTURE—Sow seeds as soon as frost is out of ground, about one-quarter inch deep. When seedlings are four inches high, they should be cut back about one inch and transplanted into well-enriched soil. Set plants six inches apart in rows three feet apart.

HENDERSON'S SELECT EARLY VARIETIES

339 GOLDEN PLUME SPECIAL STRAIN

The First Early Celery Par Excellence

Henderson's Golden Plume Celery is absolutely the earliest maturing celery grown. It is large, vigorous, and appears to be immune to blight and rust. We highly recommend it to the home gardener on account of its ease of culture—it requires no banking—for its attractive appearance, which when fully matured is most inviting; the foliage is creamy yellow, and the stalks creamy white, becoming almost white at the base. It is entirely devoid of any ribs or fibre, and it is brittle, tender and deliciously flavored. Its earliness, vigor, freedom from disease, large size, attractive appearance, and high quality commend it to all growers.

Price, pkt., 25c; oz., \$2.75; ¼ lb., \$8.25.

342 GOLDEN SELF-BLANCHING

Stalks Thick, Crisp and Brittle. Waxen Yellow. Very Early. An excellent variety of French origin. It is very early, blanches quickly and its rich color makes it quite attractive. The habit of the plant is short and stocky; the stalks are broad, thick, very solid, crisp and brittle; the quality is superb, tender and free from stringiness; flavor rich and delightful. It develops a large heart quite early in its growth, which makes the greater part of the plant edible. It is fit for use early in September.

Price, pkt., 15c; oz., \$1.50; ¼ lb., \$4.50

343 MASTERPIECE

An early, easy blanching variety of superior quality and flavor. This new variety possesses the high quality and richness of flavor of the late green varieties but matures as early as most of the self-blanching strains now in use. Plants are compact and grow 24 to 26 inches tall. Stalks 8 to 9 inches to the first joint, very thick, with rounded edges and almost entirely free from strings. An outstanding variety highly recommended for growers desiring a high quality celery.

Price, pkt., 25c; oz., \$4.00.

345 SUPREME GOLDEN

This is an outstanding new strain of the Golden Self-Blanching type. The plants are vigorous, compact, with large, well-developed hearts, and are slightly taller than Golden Self-Blanching. The stalks are broad, fairly thick, and the width of the stalk extends well up to the first joint. The plants mature early and are easily blanched to a clear, creamy white.

Price, pkt., 25c; oz., \$3.00.

SECOND-EARLY VARIETIES

332 EASY BLANCHING

A Favorite Second-Early Variety

Emphatically Distinct from Any Other Sort. The Easiest and Quickest to Blanch. Excels All Late Sorts in Long-Keeping Quality.

It bleaches earlier and quicker than any of this class.

It is the longest-keeping variety grown (if put away green), excelling in this respect every other sort. It has proved to be among the most valuable additions we have made to the vegetable gardens of the world.

So easily is it grown that the amateur can produce Celery equal in quality to that which formerly could be grown only by skilled men equipped with years of experience.

The plant is of medium height, of great vigor—having thick, rather than broad, stalks, with shallow ribs. The leaves are slightly crumpled, distinguishing it from any other variety. Its quality is superb. The stalks are tender and brittle, and the flavor extremely spicy and aromatic.

Price, pkt., 15c; oz., \$1.50; ¼ lb., \$4.50.

349 PRIZEHEART

This is one of the most desirable early green varieties we have ever seen. It matures fully as early as Easy Blanching. The plants possess exceptional vigor and average about 25 inches in height. An added advantage of this variety is that the plants are very full hearted. The stalks are about 9 inches to the first joint, rather broad, thick and quite smooth. Henderson's Prizeheart, although a green variety, blanches readily and the only trace of green remaining is a slight tinge on the outer stalks. The stems are very crisp and free from strings. The quality of this variety is remarkable.

Price, pkt., 25c.

LATE VARIETIES

347 UTAH

This celery originated near Salt Lake City and has long been famous in that region because of its very agreeable nutty flavor. It became known to Easterners through being served, wrapped up daintily, on the Pullman Dining Cars. It blanches much more quickly than the ordinary green winter sorts and keeps well for winter use.

Price, pkt., 25c; oz., \$1.50; ¼ lb., \$4.50.

336 GIANT PASCAL

A desirable, long-keeping, green winter Celery; robust, healthy stock about 2 feet high, making broad, thick, stringless stalks and large hearts. It blanches to a pearly white and the stalks are extremely brittle, stringless and crisp. Flavor unsurpassingly rich and nutty.

Price, pkt., 10c; oz., \$1.50; ¼ lb., \$4.50.

CELERIAC TURNIP-ROOTED CELERY

CULTURE—Sow the latter part of April, covering seeds one-quarter of an inch. Thin out to about one inch apart in the row and transplant into rows one and one-half feet apart and six inches apart in a row.

358 SNOWBALL

It is a delicious vegetable of easy culture. The seed should be sown outdoors early in spring and the plants grown like any ordinary root crop. It requires no banking or blanching.

The smooth, round, turnip-like roots average three inches across, the flesh is snowy-white, and it has the flavor of a delicious nutty celery. Celeriac may be served in a great number of ways. It is greatly relished in salads and soups.

Price, pkt., 15c; oz., \$1.50.

CHICORY

365 LARGE-ROOTED. The "Barbe de Capucin" of the French. It is very easy to grow and is also used in summer as greens.

Price, pkt., 25c; oz., \$1.00.

367 WITLOOF. Called also "French Endive."

Price, pkt., 25c; oz., \$1.00.



Delicious Celery can be grown successfully in the average garden. Our Pamphlet "Celery Culture" will tell you how. Sent free on request when ordering.

SWEET CORN

CULTURE—Sweet or Sugar Corn may be either planted one inch deep in rows three or four feet apart, and the seeds placed about eight inches apart in the rows, or planted in hills at distances of three or four feet each way, according to the size of the variety grown. The taller the variety, or the richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May and plant every two or three weeks until the last week in July. In more southerly latitudes planting is begun earlier and continued later. The earliest varieties are ready for the table in eight or nine weeks from planting and the late varieties in from eleven to twelve weeks. 1 lb. for 150 hills; 12 to 15 lbs. per acre.

HYBRID VARIETIES

Exceptionally Vigorous and Resistant to Stewart's Disease

105 CREAM-O-GOLD (See Color Plate, Page 22)

The Sweetest, Tenderest and Daintiest Sweet Corn. Introduced by Us in 1937 as X-100

The stock of Cream-O-Gold we now offer is a hybrid, which has all the qualities and ear characteristics of the original stock, and in addition is more productive.

Its luscious sweetness is the result of many years of breeding; its unusual tenderness is due to the gossamer-like casing of the kernels; its daintiness to the pencil-like thickness of the cob; its attractive appearance to its creamy yellow color.

The plants are very uniform, about 5½ feet high. Many stalks produce two full-sized ears of 8 to 10 rows of kernels that are about 8 to 9 inches long. It matures in 88 days.

Price, pkt., 20c; ½ lb., 40c; lb., 70c; 5 lbs., \$3.00.

138 SUNLITE (See Color Plate, Page 22)

The Earliest Yellow Hybrid Sweet Corn

Sunlite, after exhaustive trials, has proven its position at the head of the list, by its earliness, its productivity, and the uniform high quality of its ears. These average from 7 to 7½ inches, with 10 to 12 rows of perfectly formed, pale yellow kernels that bespeak a luscious richness and unparalleled sweetness possessed by few other varieties. The plant is of medium height and vigorous. As it matures in about 70 days, it will enjoy widespread popularity because this makes it a quick money crop for the market grower and, by the same token, a favorite of the home gardener.

Price, pkt., 20c; ½ lb., 40c; lb., 70c; 5 lbs., \$3.00.

128 MARCROSS (See Color Plate, Page 22)

This extra early yellow hybrid is strongly resistant to bacterial diseases. When planted at the same time as Golden Cross Bantam, Marcross will be ready for use about ten days earlier. The ears are practically as long as the ears of Golden Cross Bantam and have 10 to 14 rows of kernels. The quality is superb.

Price, pkt., 20c; ½ lb., 40c; lb., 70c; 5 lbs., \$3.00.

111 CARMELCROSS

A new hybrid of the Marcross type but 3 to 4 days later in maturity and especially recommended in New England and the North-eastern states. The plants resemble Marcross in size and vigor.

The ears are 7½ to 8 inches in length, well filled with 12 to 14 rows of deep yellow kernels. An ideal variety to come in between Marcross and Golden Cross Bantam. This allows the home gardener to enjoy delicious Sweet Corn through the entire growing season, enabling the Corn to be gathered at the moment of perfection and cooked just when wanted. The inviting deep yellow color, together with its tantalizing aroma, make this Corn a very appetizing dish. Matures in approximately 79 days.

Price, pkt., 20c; ½ lb., 40c; lb., 70c 5 lbs., \$3.00.

117 GOLDEN SUCCESSION

Henderson's New Long Season Hybrid Sweet Corn Recommended For the Home Garden

The outstanding feature of this new hybrid variety is the wide spread in maturity, which is desirable in a home garden Sweet Corn. The first picking is ready about the same time as Marcross and, due to the spread in maturity, successive pickings are made over a period of about 10 days or more, thereby providing a continuous supply of the choicest Sweet Corn from one planting. The plants are sturdy, vigorous, 6 to 6½ feet tall, and very productive. The ears are about 8 inches long with 12 rows of deep yellow kernels. Excellent quality.

Price, pkt., 20c; ½ lb., 40c; lb., 70c; 5 lbs., \$3.00.

115 IOANA

This new mid-season hybrid follows Golden Cross Bantam in maturity by 3 to 4 days. The plants are exceptionally vigorous, very productive, and have proven to be highly resistant to Stewart's disease. The ears are about 8 inches long, with 10 to 12 rows of bright yellow kernels. Matures in approximately 88 days.

Price, pkt., 20c; ½ lb., 40c; lb., 70c; 5 lbs., \$3.00.

125 GOLDEN CROSS BANTAM

(See Color Plate, Page 22)

Practically Immune from all Bacterial Diseases

It is with great satisfaction that we offer this variety because it is not susceptible to the prevalent bacterial diseases that have devastated large and small plantings during the past few years.

The ears of Golden Cross Bantam are larger than its prototype Golden Bantam. It matures about four days later than Golden Bantam, but it is quite equal to it in quality.

Although this is one of the late varieties, it should be included in your planting list, because it continues to grow to perfection during the cooler days of early Autumn, and is at its best when most other varieties have passed.

Price, pkt., 20c; ½ lb., 40c; lb., 70c; 5 lbs., \$3.00.

126 HYBRID EVERGREEN

The popularity enjoyed by Stowell's Evergreen over a long period of years, and in all sections of the country, has actuated our plant hybridizers in the development of a hybrid strain so resistant to disease that it can be successfully grown in sections where Stewart's disease is prevalent. Hybrid Evergreen is exceptionally vigorous and productive. The delicious snow white ears are about 8½ inches long, with 16 to 18 rows of kernels which are fairly deep. It matures in about 96 days.

Price, pkt., 20c; ½ lb., 40c; lb., 75c; 5 lbs., \$3.25.

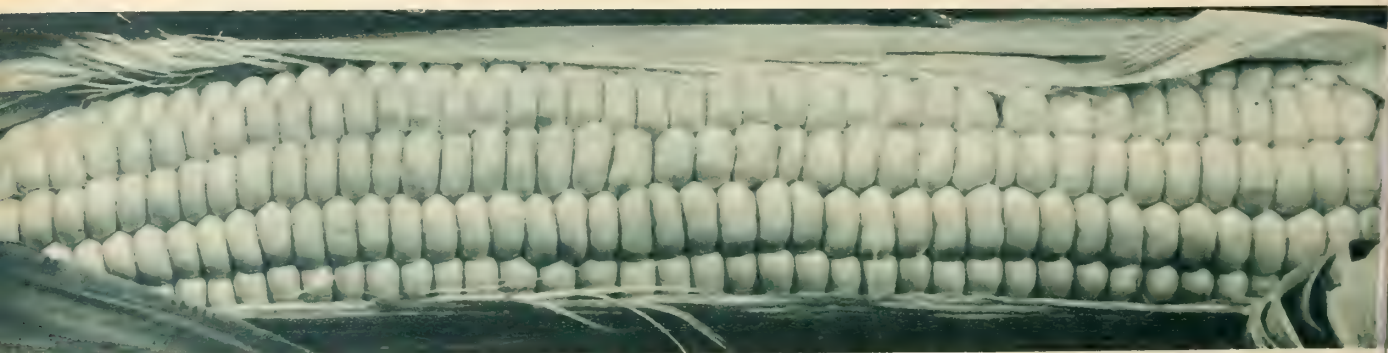
136 COLLECTION OF YELLOW HYBRID SWEET CORN

Sunlite—Extra Early

Marcross—Early

Golden Cross Bantam—Midseason

Quantity	Sufficient for	Price
1 pkt. each of 3 sorts	75 hills	\$50
½ lb. each of 3 sorts	180 hills	1.10
1 lb. each of 3 sorts	360 hills	2.00



Hybrid Sweet Corn "IOANA"

*Tender—Sweet
and Delicious
are the following
four Henderson
Specialties*

292 Coreless Carrot

The Most Popular of all Home Garden Carrots

Its beautiful appearance alone wins favor for it wherever grown. Besides, its coreless, rich red-orange flesh possesses a sweet, melting tenderness that appeals even to those who otherwise are not fond of carrots. The shape is cylindrical, stump-rooted, about 6 inches long. It is clean skinned, smooth and very early.

Price, pkt., 15c; oz., 60c; $\frac{1}{4}$ lb., \$1.80.

310 Tendersweet Carrot

The Sweetest, Tenderest and Hardest Carrot Grown

An outstanding sort for the home gardener because it represents quality at its zenith. It is a favorite with the market grower because its beautiful orange-red color and attractive appearance sells it on sight. The plant is distinct; the leaf-stalks dark purplish-green. The roots when fully matured average from 8 to 10 inches long. They taper slightly from shoulder to a blunt end.

Price, pkt., 15c; oz., 55c; $\frac{1}{4}$ lb., \$1.55.

69 Early Giant Bush Lima Bean

The strong, rugged plants of true bush form, $1\frac{1}{2}$ feet in height, are of healthy, sturdy, upright growth requiring neither poles nor stakes—and bear from July until frost almost unbelievable quantities of 5- to 6-inch pods, each containing usually four large, thick beans, averaging as large as those of the large pole Limas, and whether used green or cured, they are of superb quality—tender, rich and buttery, the true Lima flavor.

In the green state their tender freshness is maintained beyond the ordinary, accounted for by the pods being unusually fleshy and thick and the foliage luxuriant and sheltering.

Price, pkt., 15c; $\frac{1}{2}$ lb., 30c; lb., 50c; 5 lbs., \$2.00.



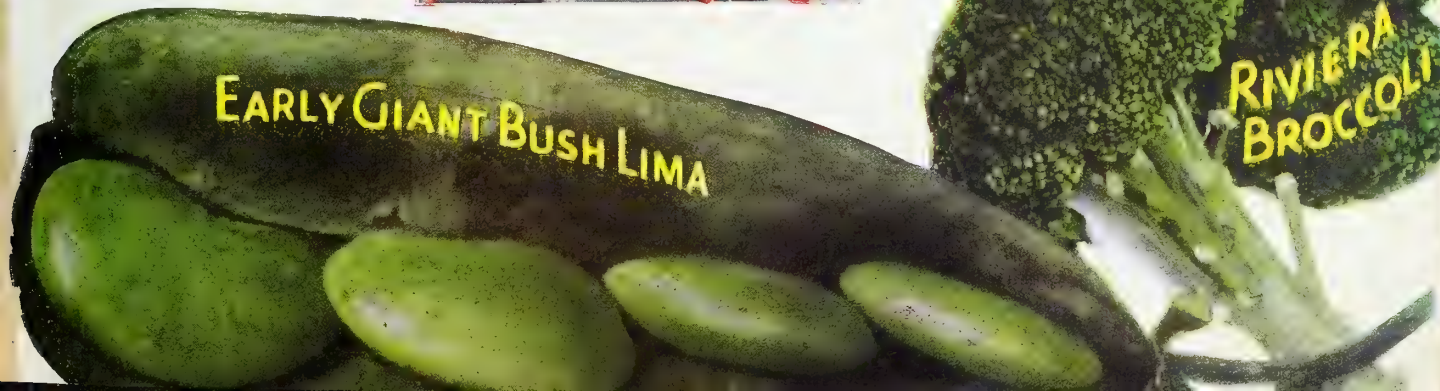
241 BROCCOLI RIVIERA

The plant grows about two feet high, is branching in character, and each branch terminates in a green sprout. When the green sprouts, which are actually a mass of flower buds, have developed to two or three inches across (and before the flowers appear), they are ready for use.

It thrives anywhere. For an early crop, start the seed in a cold frame and transplant seedlings in the open ground after frost.

For late crop, start seed in the open ground during the early Summer months. It is cooked and served like Cauliflower.

Price, pkt., 25c; $\frac{1}{2}$ oz., 90c; oz., \$1.75.





MARCCROSS

GOLDEN BANTAM

SWEET CORN AT ITS BEST

*For other varieties
see pages 20 and 23*

128 MARCCROSS

This extra early yellow hybrid is strongly resistant to bacterial diseases. When planted at the same time as Golden Cross Bantam, Marccross will be ready for use about ten days earlier. The ears are practically as long as the ears of Golden Cross Bantam and have 10 to 14 rows of kernels. The quality is superb.

Price, pkt., 20c; ½ lb., 40c; lb., 70c; 5 lbs., \$3.00.

119 GOLDEN BANTAM

Golden Bantam is a dwarf, medium early variety of exceptionally good quality and reliability. It has become one of the most popular varieties in our list.

It may be planted to advantage in hills 3 feet apart each way. If in rows, they should be 3 feet apart and the plants singly at 12 inches apart.

Price, pkt., 15c; ½ lb., 25c; lb., 45c; 5 lbs., \$1.75.

125 GOLDEN CROSS BANTAM

It is with great satisfaction that we offer this variety because it is not susceptible to the prevalent bacterial diseases.

The ears of Golden Cross Bantam are larger than its prototype Golden Bantam. It matures about four days later than Golden Bantam, but it is quite equal to it in quality.

Price, pkt., 20c; ½ lb., 40c; lb., 70c; 5 lbs., \$3.00.

138 SUNLITE

Has proven its position at the head of the list, by its earliness, its productivity, and uniform high quality. Ears average from 7 to 7½ inches, with 10 to 12 rows of perfectly formed, pale yellow kernels that bespeak a luscious richness and unparalleled sweetness. The plant is of medium height and vigorous, it matures in about 70 days.

Price, pkt., 20c; ½ lb., 40c; lb., 70c; 5 lbs., \$3.00.



GOLDEN CROSS
BANTAM

SUNLITE

105 CREAM-O-GOLD

The Sweetest, Tenderest, and Daintiest Sweet Corn.

The stock of Cream-O-Gold we now offer is a hybrid, which has all the qualities and ear characteristics of the original stock, and in addition is more productive. The luscious sweetness is the result of many years of breeding; its unusual tenderness is due to the gossamer-like casing of the kernels; its daintiness to the pencil-like thickness of the cob; its attractive appearance to its creamy yellow color. The plants are very uniform, about 5½ feet high. Most stalks produce two full-sized ears of 8 to 10 rows of kernels that are about 8 to 9 inches long. It matures in 88 days.

Price, pkt., 20c; ½ lb., 40c; lb., 70c; 5 lbs., \$3.00



HENDERSON'S FAMOUS "CREAM-O-GOLD" (Note Pencil-Thickness of Cob.)

SWEET CORN

Our leaflet, "The Cultivation of Sweet Corn," gives complete instructions for growing. Sent free on request when ordering.

Yellow Varieties

119 GOLDEN BANTAM

(See Color Plate, Page Opposite)

Small Ear of Remarkable Flavor

Golden Bantam is a dwarf, medium early variety of exceptionally good quality and reliability. It has become one of the most popular varieties in our list.

Price, pkt., 15c; ½ lb., 25c; lb., 45c; 5 lbs., \$1.75.

123 GOLDEN COUNTRY GENTLEMAN

It Delights Both Eye and Palate

Its appearance is most inviting—the color being a glistening, glowing, golden yellow.

The ears are not quite as large as white Country Gentleman but the remarkable depth of kernel characterizing the original variety is fully retained in the new, as well as the ball-shaped ends of the kernels. It matures a few days earlier than the white.

Price, pkt., 15c; ½ lb., 25c; lb., 45c; 5 lbs., \$1.75.

109 CONTINUITY COLLECTION OF SWEET CORN

Seeds of the entire collection should be planted at one time, otherwise the succession will be broken.

Golden Bantam for Early.
Country Gentleman for Mid-Season.
Stowell's Evergreen for Late.

Quantity	Sufficient for	Price
1 pkt. each of 3 sorts	(75 hills)	\$.30
½ lb. each of 3 sorts	(180 hills)	.65
1 lb. each of 3 sorts	(360 hills)	1.20

White Varieties

116 METROPOLITAN

The pure white ears are from 8 to 9 inches long and all set low. They are 10 to 12 rowed, well filled to the tip with large deep grains, which are very tender. It is not merely sweet, but possesses that exquisite richness so well known in the larger and later sorts.

Price, pkt., 10c; ½ lb., 25c; lb., 45c; 5 lbs., \$1.75.

132 SUGARSWEET

Superlatively Sweet—A Delicious Morsel

This is one of the earliest varieties. The dainty snow-white ears grow to a length of 5 to 6 inches, and each ear has an ample stem or handle, which should be left on when cut, so that when served at the table the ear will be more convenient to hold.

The dwarf size of 4 feet enables the suburbanite to raise **more corn on the same space of ground.** It is one of the very few varieties that will thrive well in city backyards.

Price, pkt., 15c; ½ lb., 25c; lb., 45c; 5 lbs., \$1.75.

107 COUNTRY GENTLEMAN

The Most Delicious Sweet Corn in the world—Plump, Pearl-white, Milky Kernels, Fairly Melting in the Mouth

This corn has become justly famous all over the United States and in some foreign countries as well. It is at once the delight of the epicure and a luxury within the reach of everybody.

It is of nectar-like sweetness, luscious, tender and milky, and remains "in the milk" longer than other Sweet Corn. The ears measure 8 to 9 inches in length, and the plant is very prolific, often producing three ears to a stalk. It is a slow-maturing variety and arrives at full perfection just in time to succeed the earlier varieties.

Price, pkt., 10c; ½ lb., 25c; lb., 45c; 5 lbs., \$1.75.

130 STOWELL'S EVERGREEN

The Best Late Variety

Long recognized everywhere as a standard variety, both for home use and market, and is a general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and have the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected.

Price, pkt., 10c; ½ lb., 25c; lb., 45c; 5 lbs., \$1.75.

101 BLACK MEXICAN

Medium early, bearing 8-inch ears. Well filled with large kernels, which, paradoxically, though black when ripe, are white when "green" and then exceptionally sweet.

Price, pkt., 10c; ½ lb., 25c; lb., 45c.

POP CORN

Sow 1 lb. for 200 feet of row, 4 lbs. per acre.
The Pop Corns we offer are shelled.

6643 GOLDEN MUSHROOM

The kernels when popped are very large, tender, and have a rich buttery color and delicious flavor.

Price, pkt., 15c; lb., 35c.

6645 GOLDEN HULLESS

Kernels rich golden yellow pointed ripe ears 3½ to 4 inches long, thick, blocky. Kernels large and white with a tinge of cream when popped.

Price, pkt., 10c; lb., 35c.

COLLARDS

370 Georgia. A tall loose form of Cabbage.

Price, pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

CRESS or PEPPER GRASS

380 Extra Curled. Crisp, pungent leaves used as a condiment and for garnishing.

Price, pkt., 10c.

STOWELL'S EVERGREEN
The Best Late Variety

HENDERSON'S FAMOUS
White Sweet Corn
COUNTRY GENTLEMEN

CUCUMBER

CULTURE—1 oz. for 60 hills; 2 to 3 lbs. in hills for an acre. Cucumbers should not be planted in the open air until settled warm weather—in the vicinity of New York about the middle of May plant in hills about 4 feet apart each way. The hills are prepared by mixing with the soil a shovelful of well-rotted manure. Plant 8 or 10 seeds in each hill. Thin out plants, leaving 3 or 4 of the strongest to each hill.

400 BUSH CUCUMBER

The Ideal Garden Cucumber for its Quality, Attractiveness and Compact Growth

More than ten years of breeding and selection were required to produce this, the ideal garden cucumber. It is entirely distinct from any other variety in cultivation and, notwithstanding the fact that its bushy, compact growth places it at the head of all other home garden varieties, it is at the same time pre-eminent for quality.

The plant is so attractive that it would not be out of place in the ornamental garden. It is very compact, rarely over 18 inches in diameter. The foliage is somewhat crumpled and cup shaped, deep rich green in color. The dark green fruits when fully developed average seven inches long and about three inches in diameter; they are practically seedless. The flesh is crisp, sparkling white, exceptionally solid, and the flavor is delicious. Owing to the almost entire absence of a seed cavity, it is better suited for slicing for salads. It can be sliced thinner than any others, and it imparts a delightful, tantalizing flavor that will add zest to the simplest meal or the most sumptuous banquet.

Price, Pkt., 50c.

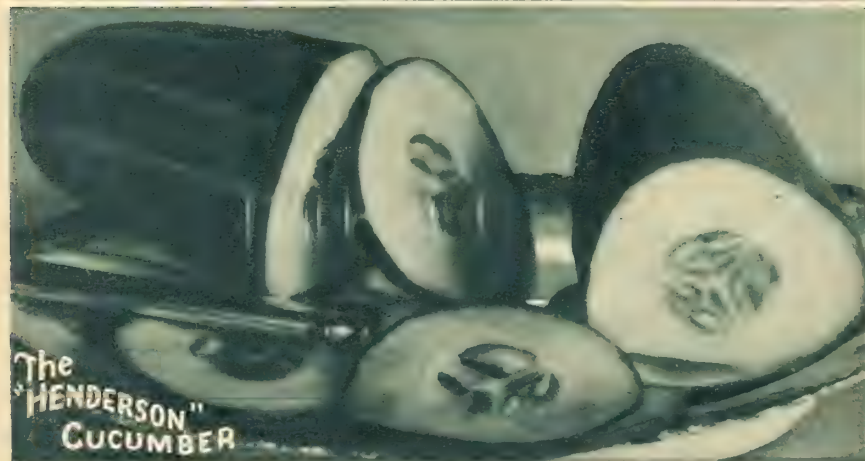
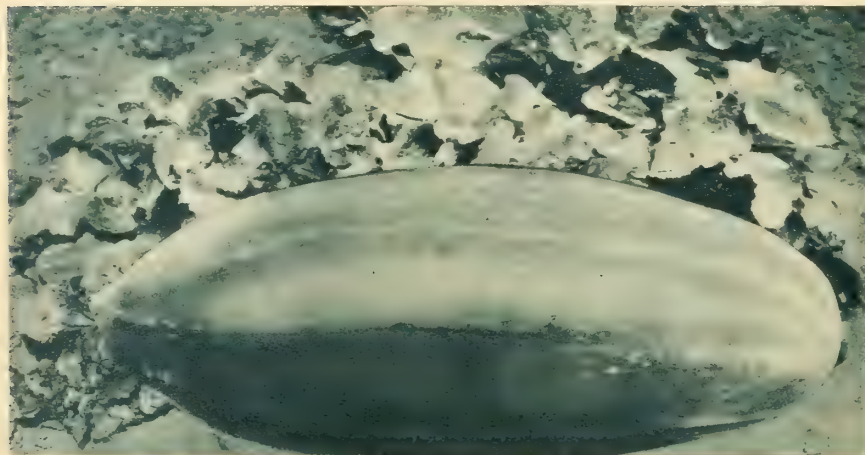
416 THE HENDERSON

Rich deep green color—Extra Early—Prolific

It is early, prolific and produces a continuous crop of uniformly large and symmetrical fruits of an intensely rich, deep green color, faintly marked with light yellowish shading toward the tip. It runs very close to type, bearing practically no misshapen fruit or culls. It is ideal for slicing; the flesh is compact, fine grained, sparkling white and of most refreshing and delightful flavor. The vines are vigorous, healthy and mildew-proof, maintaining their luxuriance and bearing abundantly from the earliest to the latest season.

Price, pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00.

BUSH CUCUMBER



The
"HENDERSON"
CUCUMBER

393 A. & C.

One of the Most Popular Varieties Grown

This new white spine variety has proven very popular. The plants make a strong, vigorous and healthy growth, and produce a heavy crop of excellent, fancy grade fruits. The fruits are smooth and symmetrical, dark green, 8 to 9 inches long, 1½ to 2 inches in diameter, and well rounded at the ends.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.20.

415 STRAIGHT EIGHT

A Beautiful Streamlined Variety

It is early and very productive. The fruits are 8 to 9 inches long, and about 1½ inches in diameter, well rounded at the ends, uniformly cylindrical in shape and when ready for use, deep green in color, free from striping. The flesh is tender, crisp and of fine flavor. A highly desirable variety.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.20.

392 COOL AND CRISP

Firm and Crisp—Bears the Whole Season

An extra early, exceedingly prolific and continuous-bearing variety; a very distinct and attractive selection of the old White Spine class; the shape is unique, rather longer than most sorts, tapering at each end, slightly ridged throughout, with but few "knobs." The color is a beautiful dark green, shading off a little toward blossom end.

Price, pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00.

402 EXTRA EARLY GREEN PROLIFIC

An early strain of the Green Prolific type but far more productive; the best pickling variety grown.

Price, pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00.

411 LONGFELLOW

On account of the vigorous habit of this variety it is less subject to plant diseases than any other sort. It produces fruits 12 to 14 inches long, of a beautiful dark olive green color, which when picked at the proper stage of growth come near, both in quality and appearance, to the cucumbers grown under glass.

Price, pkt., 15c; oz., 35c; ¼ lb., \$1.10; lb., \$3.20.

413 NATIONAL PICKLING

The wonderful solidity of this cucumber will appeal to all who are fond of pickles, as it is just as firm after pickling as before. It is early maturing, very productive and uniform in shape and color.

Price, pkt., 15c; oz., 30c; ¼ lb., 90c; lb., \$2.75.

412 LONG GREEN

It is the best variety used for big yellow mustard pickles.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.10; lb., \$3.20.

HENDERSON'S VICTORY GARDEN FERTILIZER

(See page 145)

Contains all of the plant food elements required to promote a healthy, vigorous growth of vegetables. This is of special importance when growing fast maturing crops like Cucumbers.

Our leaflet, "Cucumber Culture," tells you how to grow prize-winning fruits in your own garden—sent free on request when ordering.

EGG PLANT *CULTURE*—Sow seed one-half inch deep in hotbed or greenhouse in March or April; when an inch high, put in two or three-inch pots. Plant out, late in May.

450 NEW YORK SPINELESS

Our superior stock of this popular variety produces a large crop of shapely purple fruits of liberal size and perfect quality.

The plant is of low growth with a vigorous branching habit, strong enough to support its massive fruits and compact enough to economize space. It is very prolific, the plants usually bearing 8 to 10 immense fruits of superb quality before being killed by frost. New York Spineless is an ideal exhibition variety. It is invariably a prize-winner wherever shown.

Price, pkt., 10c; oz., \$1.25; ¼ lb., \$3.75.

452 FORT MYERS MARKET

A productive high bush variety. Plants vigorous and upright in growth, holding the fruits well off the ground. The fruits are nearly egg shaped, 9 to 10 inches long, 5½ to 6½ inches in diameter, and somewhat broader at the blossom end. Color, deep purplish black with a high gloss. Especially well suited to Florida and an ideal shipping variety.

Price, pkt., 15c; oz., \$1.25; ¼ lb., \$3.75.

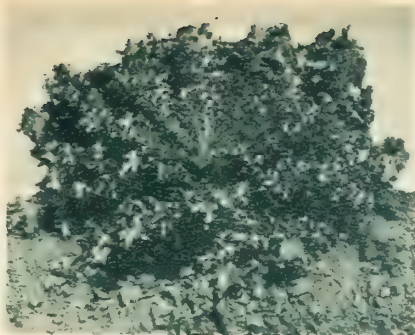
446 BLACK BEAUTY

An early variety, handsome, large and of great merit; a prolific producer of uniformly large, purple-black fruits of fine quality, developing with great rapidity and ready about two weeks earlier than other large sorts.

Price, pkt., 15c; oz., \$1.25; ¼ lb., \$3.75.



NEW YORK SPINELESS EGG PLANT



DEEP HEART ENDIVE

ENDIVE *CULTURE* — Sow during March or April in hotbed or cold-frame; cover seed ½ inch, transplant 1 foot apart in open ground in April or May. For late crop sow in June and July and transplant 1 foot apart each way. 1 oz. for 3,000 plants.

454 DEEP HEART FRINGED

This variety is an entirely new type of Endive developed from Full Hearted Batavian, but is entirely distinct from that variety. The plants are of more upright growth than other varieties; the outer leaves turn upward, thus reducing the possibility of injury from bottom rots. The leaves resemble Green Curled in color, but are broader, although the leaf margins are as deeply cut and curled. The hearts are well filled and closely packed with numerous well blanched fine leaves. The plants of Deep Heart Fringed often reach a diameter of about 12 inches, and a depth of 7 inches or more.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.00. lb., \$3.00.

453 BROAD-LEAVED BATAVIAN (Escarolle)

Has broad, fleshy leaves, forming a large heart; makes excellent winter salad. It is also boiled as "greens."

Price, pkt., 10c; oz., 35c; ¼ lb., 95c; lb., \$2.75.

459 GREEN CURLED

Green Curled is the best for general use, and is easily blanched by covering the full-grown plants with boards or pieces of slate. Good results come from early spring sowing and even better when treated as a fall crop. Make successional sowing during July.

Price, pkt., 10c; oz., 35c; ¼ lb., 95c; lb., \$2.75.

DANDELION

436 ITALIAN (Ciccoria Catalogna).

Sometimes called Asparagus Chicory. Resembles Common Dandelion, but its leaves are more upright.

Price, pkt., 20c; oz., \$1.25.

437 IMPROVED THICK LEAVED.

Upright habit; broad, heavy curled leaves.

Price, pkt. 15c; oz., \$1.50.

FLORENCE FENNEL

967 The Popular Italian Finocchio. It makes an excellent salad and is also boiled for use as a vegetable. The flavor is sweet, spicy and very distinct. It should be sown between July 15th and August 1st.

Price, pkt., 15c; oz., 60c; ¼ lb., \$1.80.



DWARF CURLED SCOTCH KALE

KALE *CULTURE*—If wanted for use in late fall or early winter, sow one-half inch deep early in June and transplant middle of July, 2 feet apart in row, 2 feet apart. If needed for spring use, sow in April. 1 oz. for 2,000 plants or 150 feet drill.

464 DWARF CURLED or BLUE SCOTCH

Henderson's Special Selected Dwarf.

Largely grown for supplying "greens" during the fall, winter and spring; also used small, like spinach; also useful in garnishing. The plants are hardy above zero; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bluish green color; the plants are of very dwarf, even growth, the leaves hugging the ground, so that they are not broken off by heavy, wet snow.

Price, pkt., 10c; oz., 60c; ¼ lb., \$1.80.

469 SIBERIAN.

Green, curly leaves; tender and of delicate flavor.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$2.75.

KOHL-RABI

CULTURE — Seeds may be started in the hotbed or cold-frame during February or March and plants set out 1 foot apart in rows 2 feet apart in April or May, or sowings may be made in the open ground where the plants are to grow in April or May and for fall use in July. Cover the seeds ½ inch. 1 oz. for 2,000 plants.

473 EARLY SHORT-LEAVED WHITE VIENNA

A singular variety of Cabbage with a Turnip-like bulb which forms immediately above the ground. It is extremely tender and partakes of the flavor of both Turnip and Cabbage. The bulbs are large enough to be eaten in from 10 to 12 weeks from sowing, and as they are more tender and delicately flavored before full maturity, it is advisable to make successive sowings.

Price, pkt., 15c; oz., \$1.25.



EARLY WHITE VIENNA KOHL-RABI

Henderson's Booklet, "Salads, Growing and Blanching," tells about the cultivation of lettuce. Explains how to grow other salad plants; how to force Witloof Chicory, Endive, etc., for winter salads. It is sent free if requested when ordering.

LEEK *CULTURE*—Sow early in April or May, in drills 18 inches apart; cover the seed $\frac{1}{2}$ inch deep; the plants should be thinned to stand 4 to 6 inches apart in the row, or for very early, the seed may be started in coldframe or hoibed in February or March and transplanted when large enough as deep as possible without covering the center leaves, that the neck may be blanched. 1 oz. will sow 100 feet of drill.

480 AMERICAN FLAG

Shown in Colors on Back Cover
Finest for American Gardens

The Leek is closely allied to the Onion. The entire lower portion of the plant is used, which is smooth, solid, and generally the same thickness throughout. It is boiled whole, or used in soups. American Flag is the best variety for general use and is largely grown for fall and early winter use. It is of quick, strong growth, producing long stems of uniform shape and size, averaging 2 inches through by 10 inches long, blanching beautifully white, and of fine, mild flavor.

Price, pkt., 20c; $\frac{1}{2}$ oz., 90c; oz., \$1.75.

482 MUSSELBURGH

This is the best variety for winter and spring use, being very hardy; it keeps well when earthed up. It is of slower growth than American Flag, making immense, stocky stems about 3 inches through by 6 to 8 inches long. The leaves are broad and flat, and little injured by snow; they recover their fresh, green color quickly in spring.

Price, pkt., 20c; $\frac{1}{2}$ oz., 90c; oz., \$1.75.



LETTUCE *CULTURE*—For early crops, start the end of February in a coldframe or indoors in a seed box at a sunny window. Cover the seed not over one-eighth of an inch. Seedlings should be ready for setting outdoors in April. Set the plants one foot apart in rows eighteen inches apart. Seed may also be sown during April or May. For a Fall crop, sow seed during the month of August.

America's Most Popular Lettuce

520 NEW YORK

Appetizing and Zestful—Delightful to the Eye—Crisp, Crystal White

The King of Main Crop Head Lettuce. It produces immense heads, often 10 and 12 inches across, and weighing enormously. The interior is beautifully blanched, white, crisp, tender and delicious, being absolutely free from any trace of bitterness.

It is a very large, robust-growing variety, rooting deeply, resisting hot, dry weather, very slow to run to seed and a sure header under most trying conditions. The outer color is of a distinct apple green.

As a standard main summer crop, hot weather Lettuce, it is in every way desirable and has no equal, but it is not recommended for forcing.

Price, pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.40.

517 NEW YORK NO. 12

This is a selection from Henderson's New York, but has the added advantage of being earlier and more uniform in maturity. The heads are large, solid, crisp and of excellent quality.

Price, pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.40.

"All-America" Award Winner

519 GREAT LAKES

A lettuce that has won the All-America Award for 1943, is an outstanding type of new Crisp-head or Iceberg. Great Lakes is a summer lettuce; it stands heat and sun, is remarkably slow to throw up a seed stalk, and is also very resistant to tip-burn. The heads are of medium size, solid and crisp.

Price, pkt., 25c.

511 IMPERIAL NO. 44

This new "Iceberg" type was developed by the late Dr. I. C. Jagger of the U. S. Department of Agriculture. Its value as a good reliable heading variety was fully demonstrated by actual field tests throughout the East. The heads are large, hard, well-formed and uniform in size.

Price, pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.40.

515 IMPERIAL NO. 847

This new black seeded New York Type produces excellent crops in average garden soil. The heads mature with remarkable uniformity. The plants are medium large. The large round heads are very solid and pleasingly crisp.

Price, pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.40.

516 MAY KING

This early butter-head variety of Lettuce is very well suited for the first outdoor planting. The heads are of a medium size and very compact in form, being very tightly wrapped. The hearts are creamy yellow in color, very tender and crisp, and of excellent flavor.

Price, pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$2.85.

It has recently been discovered that the vitamin content of lettuce becomes materially reduced after it has lain on the dealer's counter for several days and has become wilted. Enjoy healthful, zestful lettuce at its best by growing a continuous supply in your own garden. Our leaflet tells you how.

LETTUCE *CULTURE*—The culture of the Leaf and Romaine varieties is similar to that recommended on the preceding page. In connection with the Romaine or Cos Lettuce, it is a common practice to tie the leaves together when the plants have almost attained their full growth, in order to blanch the heart and inner leaves properly.

HEADING VARIETIES

492 BIG BOSTON

This popular variety may be sown outdoors for early summer or fall use—sown in frames for spring, and forced cool for winter use. The large creamy white heads are packed with blanched sweet tender leaves.

Price, pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$2.85.

529 SPECIAL WHITE BOSTON

This white-headed strain is similar to Big Boston in size and shape, but the outer foliage is bright green without the red or bronze tinge. The heads mature a little earlier than the older types.

Price, pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$2.85.

518 MIGNONETTE

A gem of a lettuce for home gardens and the best for early spring use. The heads are small, deliciously sweet flavored, with a creamy white melt-in-your-mouth appearance. Mignonette is extremely hardy, and very slow to go to seed.

Price, pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.10; lb., \$3.35.

499 EARLY BUTTERNUT

This popular "Butter-head" is fine for forcing. It is one of the earliest maturing varieties. Our tests show it to be immune to mildew and other fungus diseases that attack lettuce in frames. The compact creamy white heads also mature rapidly in the open ground.

Price, pkt., 20c; oz., 60c.



HENDERSON'S BIG BOSTON

522 SALAMANDER

Salamander is one of the few varieties that will head well during hot weather. It will grow equally well as an earlier crop, but is excelled by others for fall use. It forms a good-sized, compact head, creamy-white in color, and has all the rich flavor of the "butter" Lettuce.

Price, pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$2.85.

LEAF VARIETIES

508 GRAND RAPIDS

Indoors or Out, the Easiest of All to Grow

This is probably the best of the loose-leaved varieties. It forms no head but produces an abundant crop of pale green leaves, slightly but closely crumpled, which, even when old, retain their characteristic sweetness and brittleness.

Price, pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.35.

510 GRAND RAPIDS U. S. NO. 1

This new strain of Grand Rapids is definitely superior both for forcing and outdoor culture. The plants are vigorous and a little larger than the regular strain, exceptionally uniform and well curled. The best strain for greenhouse use.

Price, pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$2.85.

496 BLACK SEEDED SIMPSON

The plants form large, loose masses of curly and crumpled yellow-green leaves, which are very tender, crisp and delicious. It stands the summer heat splendidly and is practically everbearing, for, as the leaves are picked, new leaves will grow.

Price, pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.10.

530 Henderson's
"Succession"
Collection of

HEAD LETTUCE

Mignonette for
Extra Early.

Salamander for
Second Early.

New York for
Main Summer Crop.

Big Boston for
Spring and Fall Crop.

Price of the
Collection — 1 packet
each of the above
four Superior varieties
of Head Lettuce
for 40c.

ROMAINE or COS VARIETIES

503 CRISPYCOS

Its great recommendation is that it does not readily run to seed, and also that it is one of the best varieties for an early crop under glass. "Crispycos" is a very fine lettuce of good green color with broad leaves, folding well in at the top, and producing hearts crisp and sweet.

Price, pkt., 20c; oz., 50c.

526 TRIANON COS

The long, spoon-shaped leaves form oval-shaped heads. Romaine Lettuce may be used to advantage where the heading varieties do not succeed, as almost the entire plant is tender and palatable.

Price, pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.35.



MUSKMELON or Cantaloupe

CULTURE—These thrive best in a light soil. Place the hills four feet apart each way. Previous to planting, incorporate well into the soil in each hill a couple of shovelfuls of thoroughly rotted manure, or, in the absence of this, about one-half a shovelful of pulverized sheep manure or a smaller quantity of Henderson's Garden Fertilizer. Plant 8 or 10 seeds in each hill one inch apart and three-quarters of an inch deep. In the latitude of New York, plant about the middle of May. In the South, plant earlier, and further North, later. Thin out all but three or four. 100 for 60 hills; 2 to 3 lbs. for an acre.

GREEN FLESHED VARIETIES

557 ROCKY FORD

Earliest Strain—Beautiful Appearance—Delightful Flavor

This newer type is more rounded, the rib less prominent, and the outer surface of the fruit is densely covered with delicate lace-like netting. The quality and rich aromatic flavor have also been greatly improved. The flesh is green, with a suggestion of pink at the seed cavity, which is peculiarly attractive. It is beautiful in appearance, delightful in flavor, and a general favorite with all.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

542 HONEYDEW

The flesh of this variety is green, verging on creamy yellow in color, thick and succulent, with a very small seed cavity.

Price, pkt., 15c; oz., 45c; ¼ lb., \$1.25; lb., \$3.50.

ORANGE and SALMON FLESHED VARIETIES

549 GLOBE O' GOLD

Beautiful Flesh—Enormous Crops

The vines are exceptionally vigorous, and produce an enormous yield over a long period. The fruits are nearly round and entirely free from ribbing. As they mature they turn pale golden yellow, and are covered with a fine netting. The seed cavity is small, the flesh very thick, fine textured, and a beautiful deep orange in color. It is edible to the rind, sweet, and of excellent flavor. A recommended mid-season variety.

Price, pkt., 20c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

552 PRIDE OF WISCONSIN

The thick flesh, and excellent flavor of this variety should make it a great favorite. The fruits are of medium size, grayish-green in color, heavily netted, almost round, but inclined to be somewhat blunt at the ends. The flesh is deep salmon, fine grained and sweet.

Price, pkt., 15c; oz., 35c;
¼ lb., \$1.00; lb., \$3.25.

536 BENDER'S SURPRISE

This variety in many localities is now one of the most popular melons grown. Fruits large, round to oval in shape, distinctly ribbed and well netted. The flesh is thick, deep salmon color, very sweet and of superior quality.

Price, pkt., 15c; oz., 35c;
¼ lb., \$1.00; lb., \$3.00.

ORANGE and SALMON FLESHED VARIETIES

540 HEARTS OF GOLD

A Good Variety for the Home Garden. Tempting in Color Delicious in Flavor

The Melons are medium in size, but present a fine appearance, the rind being very firm and closely netted, each vein appearing as it highly embossed on the surface. The flesh is a rich, deep orange-scarlet in color, very fine grained and deliciously sweet.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

546 HALE'S BEST

A salmon-fleshed type similar to Rocky Ford. It is oval in shape, slightly ribbed, well netted and grows larger than ordinary Rocky Ford. Hale's Best is also several days earlier in ripening, is very attractive in appearance, and the thick, salmon-colored flesh is exceedingly sweet in flavor.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

548 HONEY ROCK

A variety of recent introduction. The melons are perfectly round, of medium size, skin light yellow when ripe. Flesh, rich salmon of the very finest quality; a valuable acquisition for the home garden.

Price, pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

550 DELICIOUS

The earliest large melon in existence. The fruits are somewhat smaller and several days earlier than Bender's Surprise, but the shape and color closely resemble that well known variety. Flesh deep salmon colored, firm, and deliciously sweet. An excellent melon for the home garden.

Price, pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

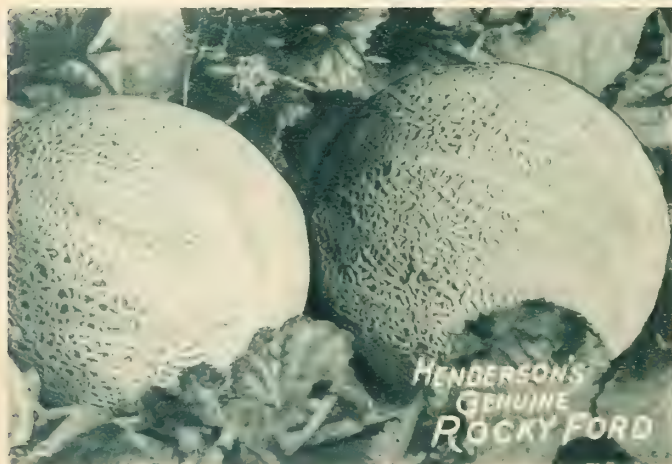
554 PERFECTED PERFECTO

Remarkably Thick-Fleshed—Exquisite Flavor

We feel confident that this variety will achieve great popularity for its attractiveness and superb flavor. The medium-sized, oval-shaped fruits are finely netted, which in itself gives them an attractive appearance; but, when they are halved, and disclose their beautiful salmon-colored flesh, their appeal is irresistible, and they actually taste better than they look. The flesh is thick, of a fine, custard-like texture; the seed cavity is the smallest found in melons of this type.

All who enjoy fine flavored melons will welcome the "Perfected Perfecto" because they can depend upon its uniform quality.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.



Our Leaflet, "How To Grow Best Muskmelons," including spraying, etc., is sent Free to customers if requested

WATERMELON

CULTURE—Watermelons thrive best in warm latitudes, although in warm, sandy soils in the latitude of New York fine crops are often obtained. Cultivate exactly as for Muskmelons. Hills should be eight feet apart. One oz. for 30 hills.

Our leaflet, "Melon Culture," tells how to grow Watermelons to perfection; free on request with orders.

567 COLE'S EARLY

North Rivals South With Cole's Early

If you have failed with other sorts you can succeed with Cole's Early. It is the best variety for the family garden and good in every respect, producing a liberal crop of Melons 12 inches long and 9 inches in diameter, of delicious quality. The deep red, fine-grained flesh ripens from heart to rind, while its rich color and luscious flavor satisfies the most exacting taste.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

565 CITRON

Red seeded. Small, round fruits, for preserves only.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

573 KLECKLEY'S SWEET

An oval-shaped variety, with dark green skin and thin rind. The bright scarlet flesh is extremely sweet.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

575 EARLY KANSAS

A recent introduction of outstanding merit. The fruits are large and produced early. The skin is dark green with lighter green striping. The flesh is bright red and of fine quality.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

577 NORTHERN SWEET

A variety developed in Minnesota particularly desirable in localities where the growing season is short. The fruits are oval, 10 inches by 9 inches and weigh about 12 lbs. The skin is green with narrow stripes of a darker green. The flesh is dark pink in color and of good quality.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

580 STONE MOUNTAIN

A large Melon, nearly round but somewhat blunt at the ends. The color is solid dark green with faintly indicated broad ribs. A wonderful Melon for the private garden. The flesh is bright scarlet, very small seeds; flavor delightful.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

581 TOM WATSON

Long oval shape, thin but tough rind; bright scarlet flesh; excellent quality.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.



MUSHROOM SPAWN

6771 PURE CULTURE Bottle

Spawn (Pure White)

This spawn is made in bottles under absolutely sterile conditions, so that spores of other fungi, many of them poisonous, insect eggs, weed seeds and all other extraneous matter is excluded. One carton of this spawn equals 5 bricks of ordinary spawn and will spawn an area of about 40 square feet. We include full instructions with the spawn.

Price per carton, \$1.25; 5 cartons, \$6.00; 10 cartons, \$11.50.

Our pamphlet, "Mushroom Culture," sent free on request.

OKRA or Gumbo

597 LONG GREEN. One of the most popular varieties. It is a vigorous grower, plants ranging from 2¼ to 3 feet high, produce long, tender pods in abundance.

Price, pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

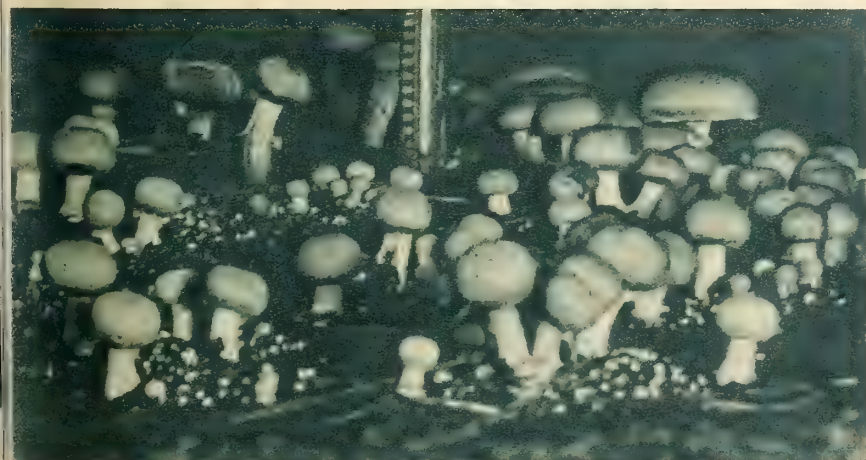
595 DWARF PROLIFIC. Of dwarf, stocky growth, very early and prolific.

Price, pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

599 WHITE VELVET. The pods are long, smooth, greenish-white.

Price, pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

PURE CULTURE MUSHROOMS



MUSTARD

586 FORDHOOK FANCY. The ordinary Mustard Plant is usually eaten as a salad only; but Fordhook Fancy is used cooked like Spinach, as well as eaten raw.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

587 GIANT SOUTHERN CURLED. A favorite in the South, where it is grown in the fall for spring salad.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

603 MUSTARD SPINACH

An Entirely New Vegetable Recently Introduced

It has a most delicious flavor peculiarly its own, and combines in itself the qualities of both Spinach and Mustard.

It makes an excellent spinach grown in the same way, and it has the advantage over any other plant used for greens, because it is ready for the table in from three to three and one-half weeks from planting the seed.

A continuous supply for the table may be had by making successive sowings, because it flourishes during hot weather, as well as in moderate periods when ordinary varieties of spinach fail to grow.

Chemical analysis shows this plant to have abundant protein, mineral matter, lime and iron.

Price, pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.50.



onion

The popularity of the Sweet Spanish Onions is due entirely to their mild, sweet flavor. Many people who ordinarily cannot eat onions, relish the Sweet Spanish types. They are ideal for the delectable French-fried onions. For best results, start the seed in a cold frame and transplant the seedlings when ground is ready.

Henderson's Two Popular Sweet Spanish Varieties

612 ESPANOLA

The Handsomest and Mildest Large Onion in the World

Spanish Onions may be grown in any locality where onions will grow, but ideal conditions for their best development are found in locations having a warm, long season, deep, rich, well-tilled soil, and an available water supply in case of drought. Under such conditions great crops of ideal Spanish Onions are produced; bulbs that will measure 4 to 6¼ inches in diameter, and weigh up to 2¼ lbs. each, equal in every respect to the imported onions.

When transplanting the seedlings see that they are placed 6 inches apart to give the long roots ample feeding ground and encourage rapidity of growth.

An experienced onion grower gives this brief description of **Espanola**: "Bulbs extremely large, almost globular in shape; neck and root disc, small and fine; skin light yellow; interior fine-grained, and flavor mild; foliage distinctive, a deep green with glossy surface rendering **Espanola** practically immune from fungoid diseases."

Price, pkt., 15c; oz., 90c; ¼ lb., \$2.65

610 BARCELONA

A Spanish, Keeping Onion, Sparkling White, Mild Flavor

We have named this novelty Barcelona because it is a selection obtained from our famous onion, Espanola, although it is pure silvery-white in color, instead of pale golden-yellow, like its parent. It is also more of a true globe shape. The outer skin is silver-white and the inside is sparkling white, of fine texture, mild flavor and delicate tenderness.

In sections where there is a long, warm season and on soil that is well tilled and rich, Barcelona will attain almost as large a size as its parent Espanola.

The Espanola and Barcelona onions are very popular; are in all respects equal to the imported. They also keep fairly well for winter use but not quite equal in keeping qualities to the Southport Globes or Danvers.

Price, pkt., 15c; oz., 90c; ¼ lb., \$2.65.

607 HARDY WHITE BUNCHING

An excellent "scallion" variety for spring or fall sowing, hardy enough to winter in the open ground. Seed sown in July or August will produce scallions the following spring, earlier even than they could be grown from onion sets. The plants will not form bulbs, but they produce long, smooth, pure white stems of perfect flavor and tenderness.

Price, pkt., 15c; oz., 85c; ¼ lb., \$2.50.

629 YELLOW GLOBE DANVERS

There is a considerable variation in the shape of this variety—shapes that vary from flat to deep oval. We have consistently adhered to the original type, which, but for a slight depression from top to bottom, is a perfect sphere. The matter of tops has had close attention, and are so bred that at maturity they disappear entirely, leaving the bulbs quite without neck, clean, solid and good throughout.

Price, pkt., 10c; oz., 85c; ¼ lb., \$2.50.

It's easy to grow high quality onions in your garden by following the instructions given in our leaflet, "Onion Culture"—sent free on request when ordering



613 PRIZETAKER

Magnificent in Size—Delightfully Mild in Flavor—A Matchless Keeper—Succeeds in All Sections of the U. S.

Prizetaker is at once the largest and most handsome of all American Onions, and is renowned everywhere.

It is so well-bred that the tops dry down entirely when it ripens, leaving a clean, sound bulb, perfect in form, rich in color and wonderfully solid. The outer skin is rather pale yellow, the flesh pure white throughout. It is extremely mild in flavor, very much esteemed for slicing, baking and boiling; in fact, in whatever way it is prepared it is unsurpassed.

Price, pkt., 15c; oz., 90c; ¼ lb., \$2.65



ONION

CULTURE—One oz. for 100 ft. of drill; five to six lbs. in drills for an acre. For an early crop, seed may be sown in cold-frames in February or March, transplanting when large enough to handle in April or May. Regular open-ground sowing should be made about the latter part of April or early May in latitude of New York, in soil that has been manured the previous year. Sow about one-half inch deep in rows one foot apart, and then thin out to three inches apart in the rows.

Clean cultivation and a regular weekly or bi-weekly spraying with Henderson's Nicotine Spray or Tartar Emetic (see pages 143 and 144) will control Thrip or white blast, which is quite prevalent some seasons, and thus insure healthy, perfectly formed bulbs.

HENDERSON'S Famous Globes

**Perfect Globe-Shape—Large—
Heavy—Solid—Perfect Keepers**

There are no Onions to compare with the famous Southport Globe Onions.

Years of selection, in which every bulb used for seed purposes has had to pass the critical eyes of veteran experts, have had no uncertain effect on these, and they are today, beyond doubt, the best of all Onions. They are supreme in keeping quality.

617 SOUTHPORT RED GLOBE

The outer skin is a rich purplish-red, and the flesh is faintly tinged with the same color. It is a little stronger than the white and yellow, and preferred by many for this reason.

Price, pkt., 10c; oz., 85c;
¼ lb., \$2.50.

619 SOUTHPORT WHITE GLOBE

This is perhaps the best Onion of all for family use, for, while it is similar in some respects to the other Southport Globes, it is more attractive in appearance. The flesh when cooked is of a rich, milky color, tender and of delicious flavor, and when eaten raw is the mildest of the three.

Price, pkt., 15c; oz., 85c;
¼ lb., \$2.50.

621 SOUTHPORT YELLOW GLOBE

Shown in colors on back cover. The very best strain of yellow Onion, the exterior color does not extend to the flesh, as in the red variety. It is mild in flavor and may be grown by anyone where Onions will grow, and is probably the best of all for general use.

Price, pkt., 15c; oz., 85c;
¼ lb., \$2.50.

622 COLLECTION OF Famous Globe Onions

**Southport White
Southport Red
Southport Yellow**

(See descriptions above)

Price, Coll. of 3 pkts., 35c.

Scallions, those welcome and greatly relished young, green onions, are obtained early in spring by planting onion sets as soon as the frost is out of the ground.

It's easy to grow high quality onions in your garden by following the instructions given in our leaflet "Onion Culture"—sent free on request when ordering.

627 WHITE PORTUGAL or Silver Skin

The best Onion for general use during the spring, summer and autumn. We do not esteem it so highly for winter use, as it is excelled by other sorts for keeping purposes.

There are none that yield more delicious "scallions," or young plants for salad purposes, none which are more suited to boiling during the growing season, and none so generally esteemed for their mild, delightful flavor. Small bulbs left in the row at the end of the season may be used for pickles.

Price, pkt., 15c; oz., 85c;
¼ lb., \$2.50.

608 EARLY YELLOW GLOBE

An excellent heavy yielding early variety, possessing exceptionally good keeping qualities. The bulbs are globe shaped, deep yellow in color, and under favorable conditions mature 10 days to 2 weeks earlier than Southport Yellow Globe.

Price, pkt., 10c; oz., 75c;
¼ lb., \$2.20.

ONION SETS

In private gardens, growing Onions from sets saves much labor, the crop is surer to grow, and is ready for use weeks in advance of that grown from seed. 1 lb. to 40 Ft. of Drill.

No.	Variety	1 lb.	4 lbs.	8 lbs.
637	White.....	55c	\$2.10	\$4.00
639	Yellow.....	50c	1.90	3.70

641 Potato Onion Sets. Early and of rapid growth; excellent for pulling green.

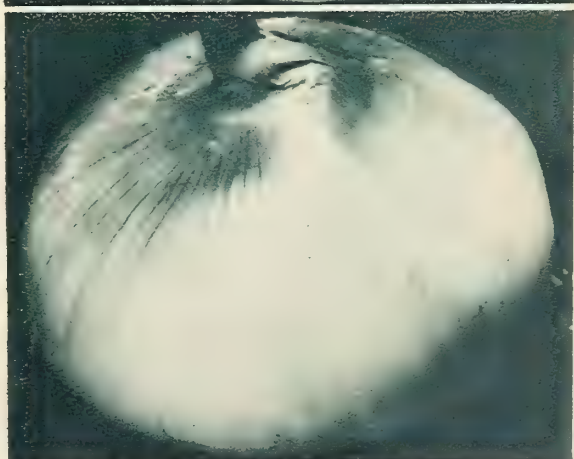
Unable to supply this season.

643 Shallots. The small bulb keeps for a year.

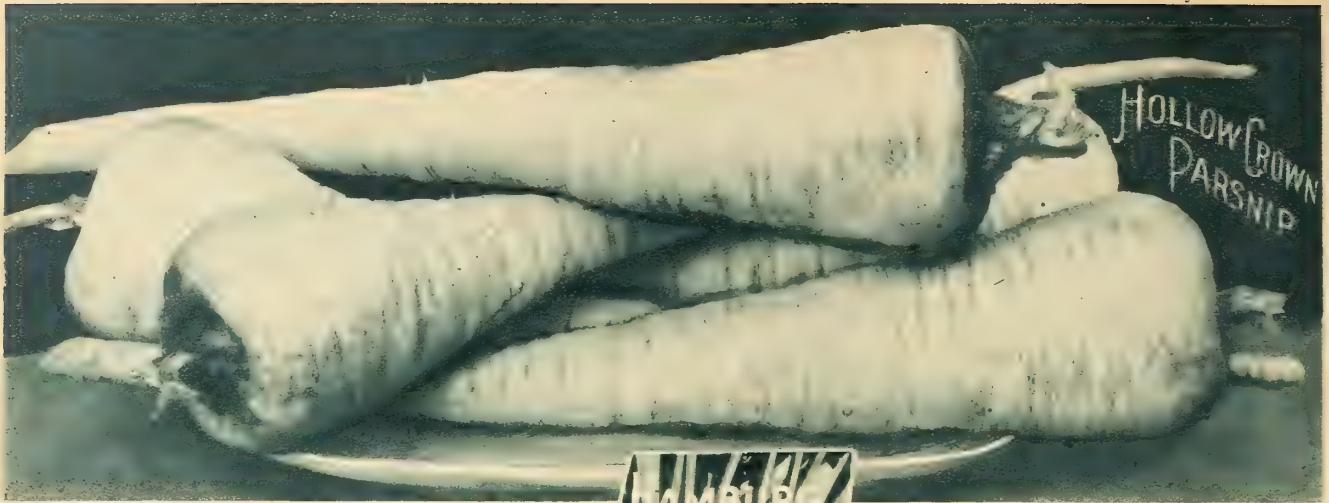
Price, qt., 80c; 4 qts., \$3.00.

645 Garlic Sets. Esteemed in cookery and salads.

Price, lb., 70c.



WHITE PORTUGAL



PARSLEY

CULTURE — The germination of Parsley seed is very slow, taking about three to four weeks. Sow seed in rows one foot apart, covering seed one-half inch. Thin out the plants to stand two inches apart.

653 EMERALD

A distinct variety of robust growth, freely furnished with short-stemmed leaves, very finely cut and most beautifully curled, making a compact and extremely graceful plant. Most varieties of parsley are dark green; but, as its name implies, Emerald is brilliant emerald-green in color and therefore more highly esteemed for decorative and garnishing purposes.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

655 EXTRA DOUBLE CURLED

A popular, fine dwarf, beautifully curled sort.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

659 HAMBURG or Turnip Rooted

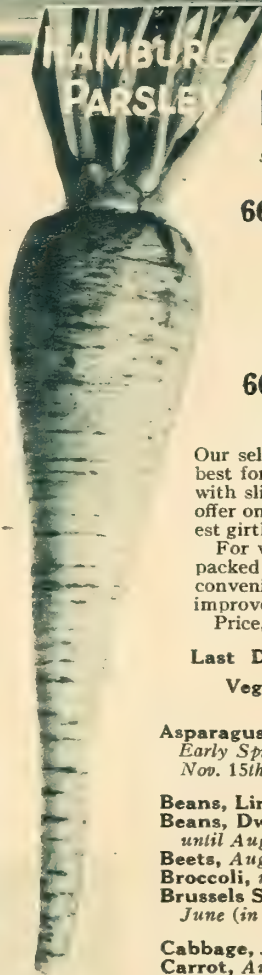
The fleshy roots of this kind resemble small Parsnips. Used for flavoring soups, stews, etc.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

661 PLAIN or Italian

The leaves are not curled; plant very hardy.

Price, pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25.



PARSNIP

CULTURE—Sow seed in rows two feet apart as soon as ground is in condition in spring, cover seed one-half inch.

664 ALL AMERICAN

This newer variety is in great demand in many localities because of its white, smooth appearance. The roots are somewhat more slender than Hollow Crown, and exceptionally free from side roots.

Price, pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$2.75.

667 HOLLOW CROWN

(See Color Plate Back Cover)

Our selection of this highly esteemed variety is surely the best for the private garden. We have discarded the types with slim, long roots that invariably break in digging and offer only a shapely, heavy-shouldered strain with its greatest girth at the crown and gradually tapering to a small root.

For winter use lay the roots horizontally in small boxes packed with ordinary garden soil and store them in some convenient place outdoors, away from snow or rain. Frost improves their quality.

Price, pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$2.75.

Last Date for Sowing the Following Varieties of Vegetable Seeds in the Latitude of New York

Asparagus Roots, Plant
Early Spring and up to
Nov. 15th.

Beans, Lima, June 5th.
Beans, Dwarf or Bush,
until Aug. 1st.

Beets, Aug. 1st.
Broccoli, up to June 15th.
Brussels Sprouts, up to
June (in seed bed).

Cabbage, July 15th.
Carrot, Aug. 1st.
Cauliflower, July 1st.
Celery, April 10th.
Chinese Cabbage, Aug.
10th.
Collards, July 5th.
Corn, Sweet, July 15th.

Cress, Garden, Sept. 1st.
Cucumber, July 1st.
Endive, Aug. 1st.

Kale, July 20th.
Kohl-Rabi, July 15th.
Lettuce, Aug. 10th.

Mustard, Aug. 15th.

Parsley, Aug. 1st.
Parsnip, May 1st.
Peas, Aug. 1st.
Pumpkin, to June.

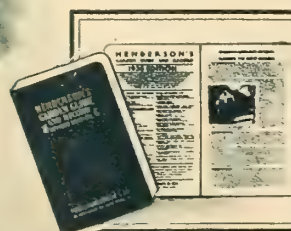
Radish, Spring, until
Sept. 1st.

Ruta Baga, to July 20th.

Spinach, Sept. 10th.

Swiss Chard, Aug. 1st.

Turnip, Aug. 20th.



Henderson's Garden Guide & Record is America's authority for information concerning the production of high quality vegetables in the Home Garden. It tells not only how to grow vegetables to perfection, but also when to gather them and how to can them. Price 50c or sent on request with orders amounting to \$4.00 or more.

PEAS MEDIUM EARLY AND EARLY

CULTURE—The dwarf early Peas are sown in rows two feet apart, the larger and mid-season varieties in rows three feet apart and the tall varieties in rows four feet apart; the seed should be covered about two inches and the plants thinned to two inches apart in the row. 2 lbs., for 100 feet of double drill, or 200 feet of single row.

Like many delicately flavored vegetables, Garden Peas should be cooked and served immediately or at least within a few hours after they are gathered. Therefore, in order to enjoy these tempting and delicious morsels to the utmost, they should be grown in your own garden, and the selection of varieties made from the following list. Our offering cannot be surpassed for Quality.

177 MAMMOTH PODDED EXTRA EARLY

The Largest Extra Early Pea Grown
Shown in colors on page 40

The largest podded first early variety in existence. It belongs to the hardy semi-smooth or dimpled seeded group, thus making it possible to plant the seeds as soon as the ground can be prepared in the spring. The vines are medium heavy, deep green, about 3 feet in height, and produce a good crop. The pods are dark green, about 4 inches long, fairly broad, round, blunt ended, and contain 7 large, medium light green peas. Here is a variety that possesses all of the desirable characteristics of the late varieties in addition to its extreme earliness.

Price, pkt., 15c; ½ lb., 25c; lb., 45c; 5 lbs., \$1.75; 15 lbs., \$4.50.

178 EARLY DELICIOUS

An Extra Early, Extra Hardy and Extra Fine Flavored Table Pea

An extra early variety of outstanding merit. The vines grow about 2 feet high and produce an enormous crop. The pods are 3 to 3½ inches long, straight, pointed, dark green, and contain 7 to 8 deep green peas of good quality. In season Early Delicious is ready practically as soon as First-of-All, and has the added advantage of being more productive, larger podded, and above all, of much higher quality. The seed is semi-smooth, or dimpled and for this reason can be planted earlier than is possible for the wrinkled varieties.

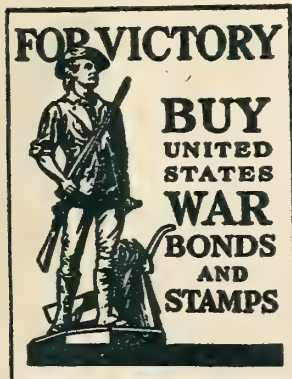
Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

174 LITTLE MARVEL

An Improved Early Dwarf Variety

This is the most prolific of the Early Dwarf Garden Peas, and we especially recommend it to the home gardener. It is a decided improvement on the Wonder class because the pods—always borne in pairs—mature much earlier than Nott's Excelsior. The vines grow about eighteen inches high and both vine and pod are in color an extremely dark green.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.



171 LAXTONIAN

Shown in colors on page 40

A Grand Early Marrow Dwarf Pea

It is a vigorous and dependable grower, and very prolific. Height, 18 inches.

The pods are not only large, but are always well filled with Peas of great size and remarkably good quality. The crop is ready for use about a week later than the earliest sorts.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

167 IMPROVED MELTING MARROW

Equal in size and rich, "melting marrow" flavor to the best of the later sorts. The pods are very large and are produced in abundance. They are always bountifully filled with very large Peas of a rich, inviting green color, of perfect flavor. It is one of the earliest to care for. Vines 18 inches high.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

191 THOMAS LAXTON

An excellent, early wrinkled marrow variety. Height, 3 feet. Pods are medium to large. Produces strong vines, which bear heavy crops.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

179 NOTT'S EXCELSIOR

The pods are of good size, produced liberally, and are well filled with excellent Peas of perfect quality. The plant is among the smallest, very rarely exceeding 15 inches in height, and is easily grown.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.



Prosperity

186 PROSPERITY

The Largest Highly Flavored Pea Grown

It is very gratifying to the grower to be able to supply the table with such delicious Peas as early as the first week in June.

The immense size of the pods borne in such great profusion and so liberally filled, insures a bountiful supply at all times.

The vines are three feet high, the pods are borne singly and freely from top to bottom of the vine and contain from six to ten Peas of delicious quality, large and rich in flavor.

Price, pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

172 LAXTON'S PROGRESS

See illustration on following page

The earliest of the sweet large-podded varieties. Our experience is that in the latitude of New York, Laxton's Progress is four days earlier than Laxtonian, heretofore considered the earliest large-podded pea.

Price, pkt., 10c; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

PEAS MAIN CROP AND LATE Our Leaflet "The Cultivation of Peas," giving full instructions for Growing, etc., is sent free on request when ordering

157 DWARF ALDERMAN Possesses Outstanding Qualifications

A Rugged Constitution, Beautiful Large Well-formed Pods, Exceptional Quality

The Henderson standard of perfection set up by our founder many years ago has proven a barrier to many inferior vegetable introductions. To pass this barrier an item must possess outstanding qualifications. Our tests of Dwarf Alderman have not only let down the bars for it, but have aroused our enthusiasm to such an extent that we feel confident it will prove its value wherever grown.

Possessing the rugged constitution of the tall-growing late varieties, it reaches a height of only 20 inches, but is correspondingly sturdy and bushy. The pods, which are borne in profusion, average $4\frac{1}{2}$ inches long; they are dark green and pointed. The pods invariably contain 7 to 8 large rich-green peas of an exceptional quality; they are sweet and delicious. For a main crop garden pea, it has no superior.

Price, pkt., 15c; $\frac{1}{2}$ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

175 MIDSEASON GIANT

Sturdy Growth—Dependable

Bearer

(See Color Plate Page 40)

This recently introduced variety has achieved great popularity for its sturdy growth and dependable bearing qualities. It is also known in various sections of the country under the names of Giant Stride and Wyoming Wonder. It is a midseason variety that matures a few days before Dwarf Alderman. The vines are dark green, sturdy, and vigorous, 2 to $2\frac{1}{2}$ feet tall, and bear a heavy crop. The pods are $4\frac{1}{2}$ to 5 inches long, plump, pointed, and contain 8 to 9 large, deep green peas of the highest quality.

Price, pkt., 15c; $\frac{1}{2}$ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

158 DWARF TELEPHONE

A robust growing variety; the haulm is strong and bears an abundance of pods about 5 inches in length, tightly filled with 8 to 9 dark green wrinkled peas of the finest quality. Immensely valuable to both the home gardener and commercial growers for its productivity and ease of cultivation. The plants average from $1\frac{1}{2}$ to 2 feet high.

Price, pkt., 15c; $\frac{1}{2}$ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

Among the Victory Garden crops there is none more valuable than luscious garden peas. They are rich in Vitamin B₁ as well as the valuable riboflavin designated as Vitamin B₂



Garden Peas, like most fast maturing vegetable crops, require an uninterrupted supply of plant food during their active growing and bearing period. There is no better plant food obtainable than THE HENDERSON GARDEN FERTILIZER listed and described on page 145. It contains all the elements required for healthy plant growth.



189 TELEPHONE

The Standard Large Podded Late Pea. Delicious Quality

The plant is about 5 feet high and bears a heavy crop of enormous pods well filled with large Peas of delicious quality, rich in flavor, tender in quality and most attractive in appearance.

Price, pkt., 15c; $\frac{1}{2}$ lb., 30c; lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

Henderson's Succession Collections of Peas

**Gives a Continuous Supply of
Delicious Marrow Peas**

199 4 BEST TALL VARIETIES

Mammoth Podded Extra Early
Prosperity (Early)
Thomas Laxton (Midseason)
Telephone (Late)

200 4 BEST DWARF VARIETIES

Little Marvel (Extra Early)
Melting Marrow (Early)
Midseason Giant (Midseason)
Dwarf Alderman (Late)

	Price
1 pkt., each 4 varieties sows 50 ft. of row	\$.50
$\frac{1}{2}$ lb. " " " " " " " "	1.00
1 lb. " " " " " " " "	1.75

When ordering, specify TALL or DWARF.



PEPPER

CULTURE—Sow one-half inch deep in hotbed, greenhouse or warm window in March or April. When one inch high, transplant into two-inch pots and plant out late in May or early June in rich soil in rows two and one-half feet apart in the row. Cultivate frequently throughout the season to keep the soil mellow and free from weeds.

677 CHINESE GIANT

This monstrous fruiting variety averages 12 to 15 inches in circumference, and, notwithstanding its immense size, it is very early and prolific; the stocky, well-branched plants, about 2 feet high, carry so many peppers that in places they seem bunched together. The flesh is tender, mild and sweet.

Price, pkt., 15c; oz., \$1.00; ¼ lb., \$3.00.

676 CALIFORNIA WONDER

See Color Plate Page 40.

Thick Flesh, Sweet, Crisp, Tender

Fruits of California Wonder often weigh half a pound to one pound each, and there is no doubt that this is the "meatiest" pepper ever introduced. The flavor is so mild, delicious and free from pungency that it may be eaten just like an apple.

Price, pkt., 25c; oz., \$1.00; ¼ lb., \$3.00.

684 KING OF THE NORTH

The fruits are of much the same shape as Ruby King, but the flesh is thicker, and exceptionally sweet. The fruits are dark green, turning to an attractive deep scarlet color as they ripen. The plants are somewhat branching, and of medium size, and in the North produce a large crop of ripe fruits earlier than other varieties.

Price, pkt., 15c; oz., 95c; ¼ lb., \$2.75.

697 WORLD BEATER

World Beater produces fruits in clusters. The peppers are first dark green in color and change to a very brilliant scarlet when ripe.

Price, pkt., 10c; oz., 95c; ¼ lb., \$2.75.

693 RUBY KING

Ruby King is held in high estimation by market gardeners and is equally valuable for the home gardener. The plants, which are vigorous, grow to a height of about two feet, and are clothed with rich, dark-green foliage.

The fruits average about five inches long by three inches in diameter and are usually three lobed; the color is a pleasing deep green, which turns to a glowing, ruby red when ripe.

The flesh is exceedingly thick, sweet and mild.

Price, pkt., 10c; oz., 85c; ¼ lb., \$2.50.

690 EARLY WONDER

An early type of California Wonder. The plants are vigorous, somewhat spreading in growth. They produce an enormous crop of fruit, starting to bear early in the season and continuing over a long period. The fruits are somewhat smaller than California Wonder, but they have the fine "meaty" quality of that variety.

Price, pkt., 25c; oz., \$1.25; ¼ lb., \$3.75.

698 WINDSOR A

An extra-early variety from Connecticut's Agricultural Experiment Station, particularly desirable for the North. The plants are upright, sturdy and huge croppers. Fruits 4½ to 5 inches long, 3 to 3½ inches at the crown, somewhat tapered, deep green, turning bright scarlet when ripe. Flesh, very thick and sweet.

Price, pkt., 25c; oz., \$1.00; ¼ lb., \$3.00.

682 HUNGARIAN WAX (Hot)

An early, very productive hot variety. Fruits 6 to 7 inches long, about 1½ inches at the crown, tapering to a hooked point. Color, waxy pale-yellow, turning to orange and then to bright red at maturity.

Price, pkt., 25c; oz., \$1.25; ¼ lb., \$3.75.

688 PERFECTION or Pimiento

The Sweetest Pepper Ever Grown Absolutely Without Pungency

It is so smooth that it is quite easy to get the skins off by boiling a few minutes. The skins can then be pared off with a knife.

The plants are very productive and the peppers, which, when ripe, are a beautiful scarlet in color, hold more edible meat than any other sweet variety. It is much sought after for pickles, cutting up in salads, and for flavoring.

Price, pkt., 10c; oz., 85c; ¼ lb., \$2.50.

686 OSHKOSH

A medium early sweet yellow variety of excellent quality. Fruits very smooth, thick fleshed, 3 to 3½ inches at the crown, 4 to 4½ inches long, tapered to a blunt point without lobes. Dark green in color, turning to deep orange-yellow at maturity.

Price, pkt., 25c; oz., \$1.00; ¼ lb., \$3.00.

685 LONG RED CAYENNE (Hot)

Scarlet pungent pods, used for pickling when green and when ripe.

Price, pkt., 15c; oz., 85c; ¼ lb., \$2.50.

689 RED CHILI (Hot)

Small red Peppers, hot and pungent, used for making Pepper sauce.

Price, pkt., 15c; oz., 85c.

LONG RED CAYENNE



IMPROVED
GREEN MOUNTAIN



POTATOES

CERTIFIED MAINE GROWN SEED POTATOES HAVE NO EQUAL FOR QUALITY AND PRODUCTIVENESS

Certified Maine grown seed Potatoes are offered in 25, 50 or 100 lb. bags only for shipment from March 15th to May 1st. Prices quoted are Ceiling Prices established by O. P. A.

WE DO NOT SHIP POTATOES C.O.D.

Purchaser pays transportation charges on Potatoes. If wanted shipped by parcel post add postage charges in accordance with the zone rates shown on page 133.

GREEN MOUNTAIN (Improved)

A Dependable Main Crop. Winter Keeper.

A reliable medium late potato that is so popular in some sections it has superseded all other main crop varieties. It seems to thrive in all soils and in all localities, making heavy, healthy vines, and yielding big crops of large, smooth, white skinned tubers of handsome flattish oval form. It cooks white, dry and mealy, keeps well, and is not liable to scab or decay.

Price, 25 lbs., \$1.60; 50 lbs., \$3.20; 100 lbs., \$5.50.

PUMPKIN

CULTURE.—Sow late in May in the latitude of New York, in very rich soil, cover the seed one inch. When grown alone the hills should be eight feet apart each way. 1 oz. for 30 hills.

703 LARGE CHEESE (Original Strain)

The most popular variety, either for pies or table use. The shape may be described as flat, round. The skin is creamy yellow in color, and the flesh is deep orange, of fine quality and very tender. Large Cheese is a splendid keeping variety.

Price, pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.25.

705 CONNECTICUT FIELD. A productive reddish-orange colored field pumpkin, the inside flesh is orange yellow. It is solid, fine-grained and slightly ribbed. This variety is grown extensively for canning purposes, also for stock feeding.

Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.



SEMESAN BEL. Controls diseases of seed potatoes, producing sprouts of healthy vigor, from which grow increased yields of clean, healthy plants and tubers. Lb., \$1.65; 5 lbs., \$7.15.

IRISH COBBLER (Early)

Heavy Yielder Uniform Size Fine Quality

A fine, early variety, producing large, handsome tubers, uniform in shape and size. The demand for this variety is greatly increasing as it does well under most soil conditions. It also keeps fairly well.

The flesh is white, and of excellent quality; the skin very light brown, with whitish netting. It is a heavy cropper.

Price, 25 lbs., \$1.60; 50 lbs., \$3.20; 100 lbs., \$5.50.

RED RIVER POTATO MIX

A Special Formula for Potatoes

A scientific development combining a newly processed copper fungicide with a quicker-killing arsenic. Kills potato bugs quicker; drives off flea beetle and leafhopper; prevents blight from gaining a foothold and stimulates foliage. Complete control in one operation—at one cost. Use as a dust or spray. Full directions accompany each package.

Price, 1 lb., 50c; 4 lbs., \$1.75 Postpaid.



709 SUGAR. A handsome and productive small Pumpkin, 10 to 12 inches in diameter, round-flattened, skin orange, flesh deep yellow, fine grained and very sweet.

Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00.

711 WINTER LUXURY. A superior pie Pumpkin, small but enormously productive and an excellent keeper; shape slightly oval, about 10 inches in diameter; color, golden-russet.

Price, pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.25.



RADISH

CULTURE—Radishes thrive best in a sandy, loamy soil, and to have a continuous supply for the table sow as early in the spring as possible and at intervals of ten days thereafter. Where the summers are very hot, sow until the fifteenth of May and then omit until August. Then make three sowings at intervals during that month. Radishes are divided into three classes—spring, summer and winter kinds, and all kinds should be used in a garden. Radishes are fit for the table in 25 to 40 days from sowing in the open ground. For extra early crop sow seed in hot bed in February. One ounce for each 100 ft. of row.

EARLY ROUND VARIETIES

756 SCARLET GLOBE

The best of the forcing varieties and the best of its class for outdoor culture; one of the most attractive radishes grown. The roots are a little longer than round, the skin intense scarlet in color, with tiny thread-like roots. It is very early, oval-shaped, and has very small tops.

Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.50.

722 CRIMSON GIANT

This variety grows to 5 and often 6 inches in circumference, weighing up to 1 oz. per root, but notwithstanding its immense size, does not get hollow or pithy, but keeps in condition for a long time. The flesh remains sparkling white, solid, crisp and juicy and it is of the mildest flavor.

Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.75.

724 EARLY ROUND DARK RED

The darkest colored of the round red varieties and an excellent sort for family use. The roots are round, the tops medium in size. Inside, pure white, crisp and tender.

Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.50.

757 SPARKLER

Shown in Colors Page 40.

Brilliant scarlet with a very pronounced white tip. It wins by appearance alone. But to this must also be added its sparkling white, solid, crisp flesh and mild sweet flavor. It is desirable both for forcing and garden culture. Foliage small.

Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.75.



767 HENDERSON'S COLLECTION OF FOUR RADISHES

Radishes add such a spright piquancy to a meal, that they should be served at all times. By making the first sowing in a cold frame and then continuing with succession sowings up to September they may be enjoyed throughout the entire season. There is nothing more tasty during the summer than chilled, glistening white slices of Icicle.

Early Round Dark Red
White Tipped Scarlet Turnip
French Breakfast
Icicle

Price, pkt. each 4 varieties, 30c.

726 EARLY SCARLET TURNIP

The popular standard variety and one of the best table radishes, being highly esteemed for its mild flavor. The skin is bright scarlet in color and the flesh snow white. Medium size and a rapid grower.

Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.50.

728 WHITE-TIPPED SCARLET TURNIP

Unsurpassed as a table Radish where, by reason of the strong contrasting colors of the root, it makes a most attractive appearance. The flesh is crisp, white and tender, and extremely mild.

Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.75.

OVAL-SHAPED VARIETIES

730 FRENCH BREAKFAST

This is a favorite oval-shaped bright scarlet Radish, with white tip. It is extremely attractive and very early.

Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.75.

760 WHITE-TIPPED ROCKET

The color is deep rose, tipped white at the base. The flavor is deliciously mild.

Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.75.

EARLY LONG VARIETIES

734 ICICLE

The leading long white radish, and one of the earliest; tender, juicy and of agreeable snappy flavor. When fully matured it reaches a length of 6 inches. It is pure white, and has a translucent and appetizing appearance.

Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.75.

740 LONG WHITE VIENNA, or Lady Finger

Tapering, about 4 inches long and pure white, mild and tender; matures in about 25 days.

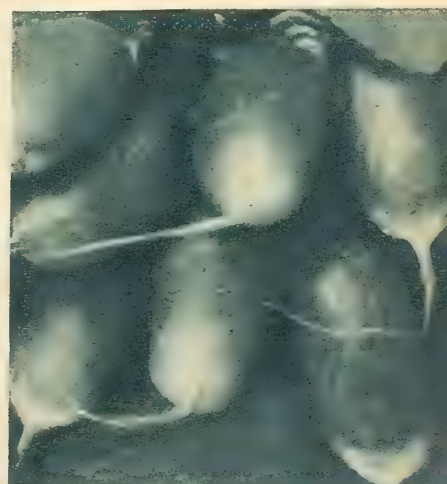
Price, pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.75.



SCARLET GLOBE



ICICLE



WHITE-TIPPED ROCKET

RHUBARB CULTURE.—Sow in April, in drills a foot apart, covering the seed three-quarters of an inch, thinning out to about ten to twelve inches apart in rows when a few inches high. The following Spring transplant into deep, rich soil, about three feet apart each way. One oz. to 500 feet.

770 ST. MARTIN'S. This variety is famous in many countries, being much esteemed wherever grown. The stalks are large and red, and exceedingly juicy, rich and spicy.
Price, pkt., 20c; oz., 60c; ¼ lb., \$1.75.

SORREL

796 Narrow Leaved. Large, pale green leaves of mild, acid flavor, esteemed as salad, cooked as "greens," etc.
Price, pkt., 15c; oz., \$1.00.

SALSIFY or Oyster Plant

Culture same as for Parsnip

780 Mammoth Sandwich Island

Salsify is one of the best of our root vegetables, and is rapidly increasing in popularity. Cooked in any form, Salsify is wholesome, appetizing and nutritious. Its peculiar oyster-like flavor is most apparent when sliced and fried; it may also be served and eaten as Asparagus. It is one of the best remedies for various forms of indigestion. Most of its medicinal value is contained in the milk, which exudes from the skin.

Price, pkt., 10c; oz., 60c; ¼ lb., \$1.80.

SPINACH

CULTURE.—Sow thinly in rows 12 to 15 inches apart, covering the seed about one-half inch; thin the plants to four inches apart in the row. The main crop is sown in August and September. It is sometimes covered up in cold localities with straw or salt meadow hay during the winter, but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to June. Spinach develops best and is most tender and succulent when grown in rich soil and in cool weather; during the summer it often bolts to seed. 1 oz. for 100 feet.

802 LONG SEASON

The Best for Sowing in Spring and Summer for a Successional Supply

The development of a type showing a marked long-standing character has given us Henderson's Long Season Spinach, removing the only obstacle to its general cultivation, so that there is now nothing to hinder the least experienced from enjoying this wholesome vegetable throughout the entire season. The plants are very hardy. Seed sown in September will produce small plants, which, with a slight covering of loose, dry material, will be available for use very early in the spring.

The plant is small, with rich, lustrous green leaves. These are short, broad, very thick, and of so great substance that it loses bulk in cooking less than any other sort. The flavor is unequalled.

Price, pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00.

805 LONG-STANDING SAVOY

This variety stands heat much longer than most varieties before running to seed. This is a great advantage.

Price, pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00.

799 BLOOMSDALE SAVOY LEAVED

A very popular variety to sow for the late fall cutting. It is quick growing and a heavy cropper, producing large, fleshy, dark green leaves which are deeply crumpled or savoyed. It is largely grown for an early spring or fall crop.

Price, pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00.

813 SUMMER SAVOY

This is one of the longest standing varieties of Spinach in existence. It will produce a satisfactory crop in the early summer when other varieties immediately run to seed. The plants are large, with rich, exceptionally dark green leaves which are well crumpled or savoyed.

Price, pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00.

815 VIKING

This new variety is early, grows rapidly, and produces exceptionally large plants which are long standing and slow to go to seed. The leaves are very large, rounded in shape, dark green in color, and fairly well crumpled or savoyed. A very desirable variety for the home garden.

Price, pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.00.

SPINACH HOT WEATHER SORTS



806 NEW ZEALAND

The Cut and Come Again Spinach. Yields Continuously from Early Summer to Late Fall

Is a valuable addition to the summer supply of edible greens, the beneficial effects of which are so well known that it is needless to add further comment. During the hot summer months, when ordinary Spinach bolts and goes to seed, the New Zealand Spinach is at its best. It thrives on almost any soil and withstands drought wonderfully well.

The plant is bushy in form, and produces quantities of succulent, rich green leaves of a delightful flavor. As the tops are cut off, side shoots develop and in a few days another crop may be cut.

For an early crop, start the seed indoors during March and transplant the seedlings to the open ground after danger from frost.

Price, pkt., 10c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00.

Fill Your Salad Bowl from the Home Garden

The recent popularity of the Salad Bowl is not entirely due to the fact that its vitamin-laden, blood purifying ingredients make it one of the most healthful of all foods, but also because it possesses a piquancy, a zest giving, teasing, tantalizing, appetite provoking stimulus, that merits for it a place of honor at every meal.



Famous for Quality
Famous for the
Home Garden
Famous as
Prize Winners

HENDERSON'S PRIZE TOMATO

915 WINSALL

It Wins Approval from 40,000 People—It Wins Prizes
Wherever Shown—It Wins by its Qualities of Sweetness,
Solidity and Seedlessness.

Price, pkt., 25c; 5 pkts. for \$1.00;
 $\frac{1}{2}$ oz., \$2.00; 1 oz., \$3.50.



See Descriptions Page 42

896 THE ORANGE

Price, pkt., 25c;
5 pkts., \$1.00;
 $\frac{1}{2}$ oz., \$2.00;
oz., \$3.50.

889 GOLDEN PONDEROSA

Price, pkt., 25c; 5 pkts., \$1.00; $\frac{1}{2}$ oz., \$1.50;
oz., \$2.50.



HENDERSON'S QUALITY TRIO OF DELICIOUS GARDEN PEAS

See descriptions pages 33 and 34

**177 MAMMOTH PODDED EXTRA
EARLY.** See No. 1 Extra early.
Price, pkt., 15c; 1/2 lb., 25c;
lb., 45c; 5 lbs., \$1.75; 15 lbs., \$4.50.

171 LAXTONIAN. See No. 2.
A week later than above.
Price, pkt., 15c; 1/2 lb., 30c;
lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

175 MIDSEASON GIANT. See No. 3.
An outstanding midseason variety.
Price, pkt., 15c; 1/2 lb., 30c;
lb., 50c; 5 lbs., \$2.00; 15 lbs., \$5.25.

**676 PEPPER, CALIFORNIA
WONDER.** (See description page 35).
Price, pkt., 25c; oz., \$1.25;
1/4 lb., \$3.50.

757 RADISH, SPARKLER
(See description page 37).
Price, pkt., 10c; oz., 25c;
1/4 lb., 65c; lb., \$1.75.

**829 SQUASH EARLY
PROLIFIC**
(See description opposite page)
Price, pkt., 15c; oz., 35c;
1/4 lb., \$1.00; lb., \$3.25.



SPARKLER RADISH



PEPPER
CALIFORNIA
WONDER



SQUASH
EARLY PROLIFIC

SQUASH

CULTURE—Sow when the weather has become settled and warm. Plant in hills. For bush varieties the hills should be 4 feet apart each way, and for running sorts, 8 feet. Eight seeds should be sown in each hill 1 inch deep, thinning out after they have attained their third and fourth leaves, leaving two or three of the strongest plants. One ounce for 30 hills; 3 or 4 lbs. in hills for an acre.

SUMMER VARIETIES

829 EARLY PROLIFIC STRAIGHTNECK.

(See Color Plate Opposite)

Outstanding for earliness, heavy yield, and uniformity in size and shape of fruits. The plants and fruits are somewhat smaller than Giant Straightneck but a great many more fruits are produced per plant. The fruits are smoother and lighter yellow than the Giant type.

Price, pkt., 15c; oz., 35c; ¼ lb., \$1.00; lb., \$3.25.

846 BLACK ZUCCHINI.

A very desirable bush type of Italian Vegetable Marrow. Fruits cylindrical in shape and of a dark green color, which turns darker as the fruits grow, until at maturity the color is so dark green that it gives the appearance of black. The mature fruits measure 12 to 15 inches long, 4 to 5 inches in diameter.

Price, pkt., 10c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50.

821 COCOZELLE or Italian Vegetable Marrow.

Smooth dark green fruits which when mature become marbled with yellow. Fruits are best when 6 to 8 inches long.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

840 VEGETABLE MARROW BUSH.

A favorite English variety, bearing freely oblong, dull yellow fruits 10 to 15 inches in length.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

842 WHITE BUSH SCALLOPED.

The white "Patty Pan" or "Cympling" creamy-white skin, fine quality, free cropper.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

844 YELLOW BUSH Summer Crookneck.

A bush variety, early and prolific.

Price, pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

Henderson's Garden Guide and Record (sent on request with orders of \$4.00 or over, or sold at 50c per copy) tells how to store Pumpkins and Squash for use during the winter months.

SWISS CHARD

The Cut and Come Again Vegetable

let the plants suffer from lack of water. The leaves may be gathered during summer and fall. One ounce to 75 feet of drill.

233 FORDHOOK GIANT

The leaves are rich dark green, very large, curled or savoyed, of thick texture and quite tender, making excellent boiling greens. The white stems or midribs make a fine dish prepared like Asparagus.

Price, pkt., 15c; oz., 30c; ¼ lb., 80c; lb., \$2.25.

235 GREEN PLUME

The Spinach-Leaved and Asparagus-Ribbed Variety

The leaf is almost identical with that of the Spinach plant, and is as dark a green in color. It is a much darker green than any other variety of Swiss Chard, and it is also much more tender. The midribs, too, are edible and tender, white and attractive.

Price, pkt., 15c; oz., 30c; ¼ lb., 80c; lb., \$2.25.

AUTUMN AND WINTER VARIETIES

833 BUTTERNUT (NEW).

This new addition to the winter squash group is of excellent fine quality and flavor. The fruits are of a deep buff color, somewhat bottle-shaped, about 12 inches long, with an enlarged section at the blossom end. The upper or neck section is about 3½ inches in diameter, solid flesh, entirely free from seed cavity which is confined to the lower enlarged part. The skin or shell is smooth and hard, and the flesh is deep yellow, fine textured, dry, sweet and of excellent flavor.

Price, pkt., 15c; oz., 50c; ¼ lb., \$1.50.

818 ACORN or Table Queen.

A very dark green squash about 6 or 7 inches long and 4 inches in diameter.

Price, pkt., 10c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50.

819 BLUE HUBBARD.

The squashes are light bluish gray in color, and the flesh is very fine-grained, dry and tasty.

Price, pkt., 10c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50.

822 DELICATA.

This beautiful Squash is orange-yellow and striped with dark green on the outside. Delicata is the earliest of any vine Squash and the most prolific (about 9 inches long).

Price, pkt., 15c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50.

824 BUTTERCUP.

A recent introduction of outstanding quality. The fruits are medium small, averaging 3 to 5 pounds in weight, and quite flattened in shape. The skin color is dark green with an occasional narrow stripe of silvery white. The blossom end is marked with a prominent "button."

The flesh is yellow, exceptionally thick, dry, sweet, and entirely free from stringiness.

Price, pkt., 15c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50.

826 GOLDEN HUBBARD.

Similar to the old Hubbard, excepting the skin is of a rich orange red.

Price, pkt., 10c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50.

830 HUBBARD.

Very productive, yielding large, heavy Squashes of dark bluish-green color. It is an excellent keeper.

Price, pkt., 10c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50.

832 LARGE WARTED HUBBARD.

It is named on account of the excessive rough "warty" surface of the fruits; heavy warts indicate a hard shell, and the harder the shell the better the Squash will keep.

Price, pkt., 10c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50.

234 LUCULLUS

This is quite distinct from the old and well-known variety. The leaf stems are rounder, very thick and fleshy. The whole plant is taller and the leaves, instead of being smooth, are deeply and closely crumpled, similar to a Savoy Cabbage. It is very tasty and palatable; and preferred by many in place of Spinach.

This variety is much sought after by those who prefer the rib of the leaf, as it is more strongly developed than in the old variety.

Price, pkt., 10c; oz., 30c; ¼ lb., 80c; lb., \$2.25.

The National Bureau of Health and Welfare says, "America Needs Us Strong." You can dig health and strength from your Victory Garden. Make one this year.



HENDERSON'S WORLD FAMOUS TOMATOES

Famous for Quality — Famous for the Home Garden

Famous as Prize Winners in Exhibition Halls Throughout the Country

915 WINSALL Shown in Colors Page 39

**HENDERSON'S
PRIZE TOMATO**

**WINSALL WINS
EVERYWHERE**

The outstanding merits of **Henderson's Winsall Tomato** are its remarkably vigorous and disease-resistant growth, its uniformly round form, its large size, and the delicious flavor of its firm flesh.

Henderson's Winsall is about five days later than **Ponderosa** in maturing its first fruits, but its second fruits seem to ripen more rapidly than do the fruits of **Ponderosa**. The coloring is indeed perfection, the bright pinkish red extending close up to the stem ends. **Henderson's Winsall** is very meaty, the entire fruit being edible, tender and delicious, and remarkable for an almost entire absence of seeds. It is far more uniform in both size and conformation than the popular **Ponderosa**, and eclipses it in productivity.

Picked just before the stem-end is entirely red, and spread on a low table, **stem-end down**, in a cool basement, it ripens in a day or two to as near perfection as could possibly be.

Winsall Tomato is very vigorous in growth. Therefore it is necessary to prune away some of the superfluous foliage to admit light and air to the flowers and assist pollenization. A dense mass of leaves and vines overshadowing the blossoms will cause them to fall, and fail to produce fruit.

Price, pkt., 25c; 5 pkts. for \$1.00; ½ oz., \$2.00; oz., \$3.50.

889 GOLDEN PONDEROSA Shown in Colors Page 39

A yellow Tomato that has color alone to distinguish it is not entirely novel. Many such varieties have been introduced, but, having failed to gain popularity owing either to lack of flavor or some other essential have disappeared from cultivation. **GOLDEN PONDEROSA** is equal in every respect to its parent the red **Ponderosa**, possessing the qualities that have made our **Ponderosa** a household word throughout the land, and, in addition, has the striking color which commands instant attention. It originated as a "Sport" from red **Ponderosa** and comes remarkably true; but some parti-colored fruits may be expected.

For salad purposes it presents an attractive and inviting appearance.

Price, pkt., 25c; 5 pkts., \$1.00; ½ oz., \$1.50; oz., \$2.50.

896 THE ORANGE Shown in Colors Page 39

A Real Deep-Orange Colored Tomato of Appetizing Appearance

The vines are vigorous and free from disease; and the fruits are very large, almost equaling in size our famous **Ponderosa**. The outside color is a beautiful orange bluish, and the inside color, a deep golden orange. There are very few seeds. The flavor is very good, mild and delicious, quite different from the yellow varieties which usually contain considerable acid.

Makes a most attractive dish when sliced and served with the other varieties. All our customers should try the **Orange Tomato** this year.

Price, pkt., 25c; 5 pkts., \$1.00; ½ oz., \$2.00; oz., \$3.50.

**Henderson's
TOMATO**

882 CRYSTAL WHITE A STARTLING Novelty

Pure Alabaster White as Tempting and as Delicious as it is Beautiful

With the development of this, the latest and most startling vegetable novelty that has been introduced in many years, we have completed the object of our aim and labors, which date back to the introduction of **Henderson's Golden Ponderosa** in 1914.

Crystal White possesses all of the merits and qualifications that have made **Golden Ponderosa** increasingly popular since its introduction. The character of its growth is quite similar in many respects to that variety. It is just as vigorous, and develops into a large sized plant with a plentiful supply of foliage, like a typical **Ponderosa**. The fruit is produced as freely and it is by far the most attractive that has ever been originated. The color is a lovely alabaster white that appeals to all who see it. There is no trace of red in this variety.

The firmness of **Crystal White** is due to its meatiness, which quality also characterizes its desirability for slicing. Its flavor

is all that can be desired; a mild full richness which appeals to all. Furthermore, it is possible with this variety, for people who are allergic to tomato poisoning, to enjoy Tomatoes to their heart's desire, without any ill effects. This is due to the fact that it contains less acid than any other variety.

Crystal White possesses eye appeal to a degree that will insure its popularity wherever grown. When served sliced either alone or in combination with a red variety such as **Richmeat**, its tempting appearance will instantly arouse fagged or jaded appetites. The present vogue of white table arrangements finds a worthy and valuable ally in this new fruit. A salad composed of finely white slices of **Crystal White** with a background of other white salads, will prove to be a masterpiece of culinary temptation.

Supply of seed limited.

Price, pkt., 25c; 5 packets, \$1.00.

CRYSTAL WHITE



900 PONDEROSA

For Years the Best and Most Popular in the American Garden—Produces Fruits Magnificent in Size—Delicious in Flavor

From its first appearance it gripped and held the admiration of all who grew it, and each succeeding season sees thousands more added to the number of its appreciative admirers who have sent us testimonials in such numbers that we printed them they would monopolize a quarter of the pages of the catalog.

A serious defect in many Tomatoes is the core-like character of the cell walls, which frequently remain green and hard long after the other parts of the fruit are ripe. We have succeeded so thoroughly in modifying, developing and enlarging these cell walls in **Henderson's Ponderosa** that they have almost filled the cavities, which in less carefully bred strains contain only seed and watery pulp.

The original, highly bred and selected **Ponderosa** can only be secured direct from us—we do not supply dealers.

Price, pkt., 15c; 2 pkts., 25c; oz., \$1.50; ½ lb., \$5.00.

Outstanding Vegetable Achievements

Introduced by **Peter Henderson & Co. 903 RICHMEAT** Almost Seedless
Practically Coreless

(Shown in Colors on Page 3 of Cover)

The Largest and Best Flavored Scarlet Tomato

Unparalleled in the history of tomato breeding—Richmeat now stands supreme as the World's Quality Tomato, as well as the largest and meatiest. Among the remarkable characteristics of this variety, are the vigorousness of its growth and its drought-resisting qualities, the latter fact having been fully proven by its behavior in drought stricken sections of the country during that unforgettable summer of 1934 when Richmeat continued producing luscious fruits after all other varieties had withered away.

The fruits are rich scarlet in color, very large and meaty; fruits weighing up to three pounds are not unusual. They are round-oval slightly flattened in shape, and it is a very shy seeder as no distinct

seed cells are produced, but on the contrary it develops a solid mass of rich, firm pulp. Its flavor is deliciously sweet and free from acidity.

When setting out plants of Richmeat, it is recommended to space them farther apart than ordinary varieties, on account of its vigorous habit; also the yield and size of the fruits will be increased if some of the superfluous foliage is pruned away.

Richmeat is a main crop variety, and its bearing season covers a long period. We heartily recommend it to home gardeners and roadside stand producers, who cater to a quality trade.

Price, pkt., 25c; 5 pkts., \$1.00.

876 BEEFHEART

Shown in Colors on Page 3 of Cover

A Home Garden Tomato of Superior Excellence

Customers who grew it say that they have never grown a tomato that was more beautiful, more meaty, or better flavored. It is not uncommon to see the vines carrying fruits weighing two pounds each.

The color is brilliant scarlet and the skin is so smooth as to give the fruits a polished appearance. The solidity and weight of this variety are derived not from a thick-fleshed outer wall and tough skin, but, like our famous Ponderosa, the seed cavities have given way to a solid mass of meaty, succulent flesh, so that the fruit is practically seedless. The plant is vigorous and bears large crops of beautiful fruit.

Price, pkt., 25c; 5 pkts., \$1.00; 1/2 oz., \$2.00; oz., \$3.50.

912 YELLOW BEEFHEART

Beautiful in Form and Color. Excellent for Salads

This new yellow variety of our Beefheart type will appeal to Tomato growers desiring a yellow colored variety. The plant is very vigorous and produces an enormous crop. The fruits are the same shape as Beefheart, but the skin and flesh are a rich deep yellow. The solidity of the flesh is caused by the lack of distinct seed cells, and in this respect is identical to the Red Beefheart. The quality and flavor are exceptionally fine, and due to the low acidity is very sweet.

Price, pkt., 25c; 5 pkts., \$1.00.

Henderson's Famous Ponderosa is one of the most popular juice tomatoes grown. Be sure to can a generous supply for use this winter. Juice made from Yellow Beefheart, Golden Ponderosa or The Orange offer pleasing variations.

888 THE FRUIT

Shown in Colors on Page 3 of Cover

Solid, Meaty, Sweet, Delicious Flavor
Almost Seedless

At last we have developed a tomato that can be placed in the class of fruit, as its delicious, sweet flavor and solid meaty texture make it possible to eat it at any time as one would eat a peach.

Practically free from acidity and seeds, it makes a most delicious and appetizing morsel, whether eaten raw between meals, as a dessert, or prepared in any of the standard methods.

Vigorous in growth, disease-resistant, bearing great clusters of sweet, luscious, beautifully formed, deep pink tomatoes, this great addition to the list of table delicacies will soon be known and grown throughout the world.

Price, pkt., 25c; 5 pkts., \$1.00; 1/2 oz., \$2.00; oz., \$3.50.

901 RUTGERS

Produces an Abundance of Beautiful Uniform Fruit Ideal for the Home Garden, Market and Canning

This new variety developed by the New Jersey Agricultural Experiment Station produces a sturdy plant with thick stem and an abundance of foliage to protect the fruits from sun-scald. The fruits are large and similar in shape to Marglobe but ripen earlier and are of a bright scarlet color. The flesh is firm and red throughout, which makes it an ideal canning and juice tomato.

Price, pkt., 15c; oz., \$1.10; 1/4 lb., \$3.25.

RUTGERS TOMATO. Note the Uniformity of the Fruit



TOMATO

CULTURE.—The seed should be sown about ½ inch deep during March or early April in a hotbed, greenhouse, or window of a room, where a night temperature of not less than 60 degrees is kept. When the plants are about two inches high, they should be set out three inches apart in boxes three inches deep, or potted into three-inch pots, allowing a single plant to a pot. They are sometimes shifted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May in this latitude, the plants may be set in the open ground.

885 EARLIANA

This is still the best extra early Tomato for the family garden, as it bears a very heavy crop quite early in the season. It has excellent flavor and is remarkably solid.

Price, pkt., 10c; oz., \$1.50; ¼ lb., \$4.00.

877 BONNY BEST

Large Size Tomatoes Bright Scarlet in Color

Bonny Best is decidedly the "best" in its class. It is almost as early as Earliana; and is a larger tomato, and a heavier cropper. The fruits are deep scarlet in color, very smooth, perfectly round, solid and meaty. Bonny Best is also an excellent variety for the canner, as it yields from 12 to 15 tons to the acre.

Price, pkt., 10c; oz., \$1.25; ¼ lb., \$3.75.

878 BREAK O' DAY

A Solid Extra Early Variety—Disease Resistant

It is a cross between Marglobe and another variety not as yet introduced to commerce. It is greatly disease-resistant and is the same shape, color and size as Marglobe but much more solid; and to crown all is 10 to 12 days earlier in ripening. This means that Break O' Day will ripen along with Bonny Best and the other extra early tomatoes, but excels them in size, solidity and seedlessness.

Price, pkt., 10c; oz., \$1.50; ¼ lb., \$4.00.

916A Henderson's Variety Collection of Tomatoes For The Home Garden

The Fruit
The Orange
Winsall

Price, 1 pkt. each of 3 varieties, 60c.



894 MARGLOBE

Resists Rust and Wilt

Almost round; of large size, and bright red color. It is one of the most productive tomatoes in cultivation.

Marglobe is early and continues bearing over a long period of time. It possesses a delicious flavor, is attractive and immune to wilt.

Price, pkt., 15c; oz., \$1.00; ¼ lb., \$3.00.

899 LARGE RED PEAR

Plants vigorous, exceptionally productive, producing ripe fruits fairly early in the season, and continuing until frost. Fruits resemble a Bartlett pear in shape, measuring 3 to 3½ inches long, and average 2 inches in diameter at the base. Solid bright scarlet in color. The flesh is very firm, meaty, with few seeds and free from well defined seed cavities. The quality and flavor are excellent, with a minimum of acidity.

Pkt., 25c; 5 pkts., \$1.00.

905 PRITCHARD

or SCARLET TOPPER

For its disease resistant qualities, it supersedes all others. The vines are very sturdy in growth—shorter than the Marglobe—and they produce the heaviest crops of any of its class.

Unlike other early varieties, Scarlet Topper continues to bear long after the other sorts have ceased. The fruits are large, from 3 to 3½ inches in diameter, and perfectly globe shaped.

Price, pkt., 10c; oz., \$1.25; ¼ lb., \$3.50.

906 STONE

One of the popular main crop varieties. The plant is a strong grower, is very prolific and produces a crop of large, smooth fruits almost round in shape, very deep and slightly flattened at base and top.

Price, pkt., 10c; oz., \$1.25; ¼ lb., \$3.50.



BONNY BEST



LARGE RED PEAR

Henderson's Leaflet, "Tomatoes, How to Grow Them" gives the latest and most advanced methods for the production of fancy fruit in your own garden. Sent gratis on request with orders.

SMALL FRUITING TOMATOES For Salads, Preserves, Etc.

892 POMODORO, ITALIAN LARGE RED PLUM

A beautiful bright red plum-shaped tomato. It is the most delicious and attractive salad tomato ever introduced. It contains practically no acid and possesses a delicate flavor so much desired in salads. Large Red Plum is one of the best varieties in cultivation for making the delicious tomato preserve, and it is also ideal for dehydrating. It is one of the most prolific tomatoes we have ever grown, beginning early in the season and continuing uninterruptedly up to frost. The fruits are the size of a good-sized plum and are borne in clusters of six or more.

Price, pkt., 25c; 5 pkts., \$1.00.

902 RED CHERRY. Bears clusters of bright red fruits the size of a Cherry.

Price, pkt., 15c; oz., \$1.25.

904 RED PEAR. Produces bright red, pear-shaped fruits.

Price, pkt., 15c; oz., \$1.25.

908 STRAWBERRY, Winter Cherry or "Husk" Tomato. Low spreading plants, yellow fruits half an inch in diameter surrounded by a husk. Used for preserving.

Price, pkt., 15c; oz., \$1.25.

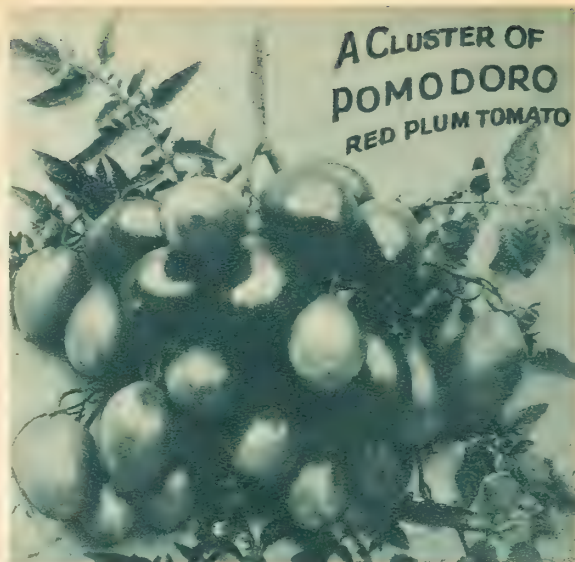
914 YELLOW PLUM. Oval-shaped yellow fruits 2 inches in diameter.

Price, pkt., 15c; oz., \$1.25.

Forcing Tomato

886 COMET. This variety is used almost entirely for greenhouse and trellis growing. The plants make a vigorous growth and produce an enormous crop. The fruits are medium to small in size, very smooth, almost round and bright scarlet in color.

Price, pkt., 25c; 5 pkts., \$1.00.



A CLUSTER OF
POMODORO
RED PLUM TOMATO

TURNIP

CULTURE—Sow the early varieties in April or May in drills from fifteen to eighteen inches apart, and thin out from four to six inches in the rows. For a succession sow at two-week intervals until the last week in May for early crop, and in July or August for fall crop, at which season they grow best. One oz. to 150 feet of drill.

WHITE-FLESHED VARIETIES

921 EARLY WHITE GLOBE

This is a white globe shaped turnip. The flesh is white, fine grained, and of excellent quality. The foliage or tops are erect and vigorous, which makes this variety one of the best for "turnip greens."

Price, pkt., 10c; oz., 30c.

922 EARLY WHITE MILAN

An extra early variety of rapid growth with entirely white roots and very small leaves.

Price, pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$1.95.

930 PURPLE TOP WHITE GLOBE

Shown in Colors on Back Cover

A large, globe-shaped variety. The upper surface of the bulb is reddish purple, the lower part is white. It has a small, smooth root and medium-sized tops. The flesh is pure white, crisp, very fine and is one of the best sorts to store for winter. Recommended for fall crop.

Price, pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.45.

YELLOW-FLESHED VARIETIES

926 GOLDEN BALL

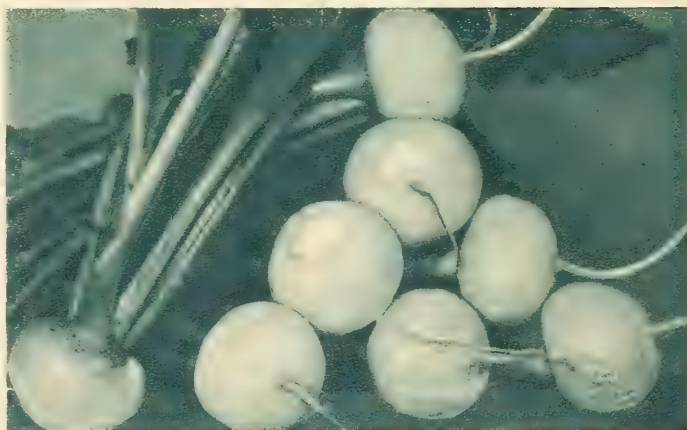
A very distinct variety, and the finest yellow-fleshed sort for family use. It grows a very shapely bulb, medium in size, almost round, very smooth, and quite free from side roots. The skin is pale yellow, the flesh deep yellow throughout, and so fine in texture as to earn the name "Orange Jelly." Sown in July it gives a very satisfactory crop in early fall, and can be stored and used during the winter.

Price, pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$1.95.

940 YELLOW GLOBE

A yellow-fleshed, globe-shaped variety, of large size; a splendid winter-keeper; excellent for both table and stock.

Price, pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$1.95.



EARLY WHITE GLOBE



PURPLE TOP
WHITE GLOBE

The Garden Culture of Root Crops tells how to grow Turnips, etc., to perfection. Sent free on request with orders.

RUTA BAGA

Swede or
Russian Turnip

CULTURE same as Turnip. The Ruta Baga is an invaluable vegetable for winter storage. It is not only esteemed as a table vegetable during the winter months, but is also grown extensively for feeding chickens and stock.



RUTA BAGA IMPROVED LONG ISLAND

950 IMPROVED LONG ISLAND RUTA BAGA (Henderson's)

(Shown in colors on back cover)

Long Island Improved has been bred from the American Purple Top, over which it is a great improvement. It is much larger, has no neck, and is a remarkably good keeper; the flesh is rich yellow, and of fine quality.

Price, pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.55.

947 SLITER'S PERFECTION

White Flesh—Finest Quality and Sweetest Ruta Baga.

A white fleshed variety of the Macomber type. The flavor and sweetness so far surpass other varieties, that we consider this new strain an outstanding vegetable for fall and winter use. The roots will remain in fine condition all winter when properly stored.

The roots are large, smooth, nearly round, neckless, white with a greenish tinge at the crown. The flesh is white, firm, fine grained and very sweet.

Price, pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c.

Our Pamphlet, "Garden Culture of Root Crops," tells how to grow Turnip and Ruta Baga. Sent free on request when ordering.

HERBS Sweet Pot and Medicinal

951 ANISE. *Pimpinella Anisum*. One of the oldest and best known herbs, being a native of Asia Minor and Egypt. It is a rapid growing annual. Anise is an herb of many uses, besides being the base of the famous cordial Anisette. It is used for garnishing and flavoring in cooking and baking. Anise also possesses certain medicinal properties, and is used in perfumes. . . Pkt., 25c

957 BORAGE. *Borago Officinalis*. A popular annual herb of many uses. It develops into an attractive plant about 18 inches high and is covered with small bright blue flowers which are attractive to bees and result in an excellent, fine flavored honey. The upper leaves and flowers are used in salads and the lower leaves are cooked and used as spinach. It is also grown extensively for the manufacture of cordials. . . Pkt., 25c; oz., \$1.50

959 CARAWAY. *Carum Carui*. This is a biennial herb that is frequently grown as an annual. The roots are eaten as a vegetable, the leaves for garnish and in salads, and the seeds are much used in confectionery, baking and cheese making. Oil is distilled from the seed for the making of Kuemmel and it also has various medicinal uses. . . Pkt., 25c

369 CHIVES. *Allium Schoenoprasum*. A low growing perennial herb that develops into thick grass like tufts. The mildly onion-flavored leaves are excellent when used in salads, soups, etc. The oftener the leaves are cut, the more vigorous the plants seem to grow. . . Pkt., 25c; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50

963 CORIANDER. *Coriandrum Sativum*. An annual herb grown principally for its seed which has many uses. When crushed they are used as a condiment, also an ingredient in curry powder and mixed spices. The oil distilled from the seed is used in liqueurs and toilet water. . . Pkt., 25c; oz., \$1.00

965 DILL. *Anethum Graveolens*. A well known annual herb with feathery foliage. The plant grows about two feet high and produces an abundance of aromatic seed which are used in pickles, preserves, soups and sauces. . . Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$2.50

973 HOREHOUND. *Marrubium Vulgare*. A hardy perennial that is grown primarily for its medicinal value, for which purpose the leaves are gathered and dried slowly, just before the plants are ready to start flowering. Pkt., 25c

987 SAGE. *Salvia Officinalis*. When grown in a well-drained soil, this popular perennial herb will thrive in most gardens. Many uses are ascribed to the leaves, not only for culinary purposes, but also in the form of teas for medicinal use. The leaves can either be used green or dry and powdered. . . Pkt., 25c; oz., \$2.25

989 SUMMER SAVORY. *Satureia Hortensis*. Bohnenkraut. An annual sweet herb that is highly desirable in the garden for the sweet fragrance which the plant emits. The young leaves and tips can be used either fresh or dried in stuffings, soups and meat cookery. It is also a favorite with many people for flavoring beans. . . Pkt., 25c

955 SWEET BASIL. *Ocimum Basilicum*. The popular Basilico Napolitano of the Italians. It is an easily grown annual and grows into an attractive compact plant about one foot high. The leaves are very aromatic and give off an agreeable perfume. It is used for seasoning soups, stews and sauces. Desirable medicinal qualities are also ascribed to it. . . Pkt., 25c

969 SWEET FENNEL. *Foeniculum Vulgare*. A biennial usually grown as an annual. A favorite aromatic herb with tall shining stems and feathery foliage. The leaves are used in sauces and for garnishing. The seeds are employed in confectionery, for flavoring liqueurs and for making tea which is said to possess medicinal properties. . . Pkt., 15c; oz., 60c



SWEET BASIL



DILL



SAGE

HENDERSON'S AGRICULTURAL SEEDS

High Quality Strains for Better Crops

HAY AND PERMANENT PASTURE

Special Grass Seed Mixture

Produces Wonderful Hay Crops and Pasture, Maintaining Its Cropping Qualities Twenty Years or More

It has been fully demonstrated by the careful trials conducted by the Agricultural Experiment Stations in various parts of the country that good pasturage and good hay crops can be best secured by sowing Grass seeds in mixtures. Pastures seeded naturally are always found to contain many varieties of Grasses growing and flourishing side by side without detriment to each other, and attaining their maximum of growth at different periods of the year. It is to this notable characteristic that such pastures furnish continually an abundant bite, when meadows and pastures composed of but a few varieties are brown and bare.

This mixture is made up of native and acclimated foreign Grasses thoroughly blended, and improved upon during trials under widely varied conditions, soils and localities for several years until practically perfect, our aim being to produce, under the extremes of the American climate, a **permanent**, dense and deep-rooting turf that would yield year after year the maximum quantity of foliage. These Grasses are of superior quality, inviting, sweet and nourishing.

In preparing these Mixtures, the greatest care is exercised in selecting such varieties as are suited to the soil to be sown and are likely to realize the object in view. **Therefore, a description of the soil, whether Light, Medium or Heavy, and climate, and if with or without a grain crop, should accompany each order.** Sow 40 lbs. per acre.

Price, lb., 60c; 10 lbs., \$5.50; 25 lbs., \$10.00; 100 lbs., \$35.00; transportation paid.

PERMANENT PASTURE Special Grass Seed Mixture

There is no more important part of a farm than a good pasture, and that can be obtained only by the use of the proper Grasses, varieties that have different root formations and different habits and season of growth, in order to maintain a **rich, close turf throughout the entire season.** Timothy alone should never be used for pasture because it will *not* stand trampling, and soon runs out when heavily pastured and at best is short-lived, as compared with the permanent Grasses used in our Special Mixtures. These Mixtures contain over a dozen of the best permanent Grasses, both American-grown and imported. All are permanent, and when once established **will last indefinitely**, if the fertility of the soil is kept up by occasional top-dressing. Sow 40 lbs. per acre.

Price, lb., 60c; 10 lbs., \$5.50; 25 lbs., \$10.00; 100 lbs., \$35.00; transportation paid.



PERMANENT HAY Special Grass Seed Mixture

Although the most widely cultivated Hay Grass in the United States is Timothy, or a mixture of Timothy and Clover, and while they answer the purposes admirably on farms **where the soil is suitable** and where the usual three and four years' rotation is carried on, yet **there are many Grasses which will yield more profitable returns.**

An acre of Henderson's Special Grass Mixture for Permanent Hay will yield double the quantity of an acre of Timothy and Clover, and the farmer whose land is sown with a proper mixture of Permanent Grasses, requiring only an occasional top-dressing of manure or fertilizer to maintain heavy cropping qualities for twenty years or more, avoids the expense of the yearly plowing and cultivating necessary in rotation cropping. Sow 40 lbs. per acre.

Price, lb., 60c; 10 lbs., \$5.50; 25 lbs., \$10.00; 100 lbs., \$35.00; transportation paid.

WOODLAND PASTURES Special Grass Seed Mixture

It will make a closer and more even pasture than Orchard Grass alone. An excellent ground cover for orchards. Sow 40 lbs. per acre.

Price, lb., 70c; 10 lbs., \$6.50; 25 lbs., \$15.00; 100 lbs., \$55.00; transportation paid.

MIXED PERMANENT CLOVERS

Do not omit to sow Clovers with the Grasses, as they add to the yield of hay and pasture, collect atmospheric nitrogen and store it in the root nodules, assist the growth of the Grasses and are of benefit to subsequent crops. Permanent Clovers, on account of their greater weight, should be sown separately but at the same time as the Grasses. This Mixed Clover comprises White, Mammoth Red—Medium. Wild White, Ladino, Alsike, etc. Sow 10 lbs. per acre.

Price, lb., 75c; 10 lbs., \$6.50; 25 lbs., \$16.00; 100 lbs., \$60.00.

(Purchaser pays transportation charges on clovers)



Full directions for sowing enclosed in every bag. In ordering, state whether for Light Soils, Heavy Soils or Medium.

Henderson's Superior Recleaned Grasses

For Pasture, Hay, Turf on Golf Courses, Athletic Fields, etc.

Cleaned at the source of production, and recleaned in our own warehouses with the most modern seed-cleaning machinery in America. They are then analyzed and tested by us, and verified by check tests at State and Government Stations.

Henderson's Individual Recleaned Grasses are therefore Unequaled for Purity and Germination.

Better turf is obtained in most cases if a mixture of grass seed is sown. We will be glad to make special mixtures when desired, in accordance with the purchaser's requirements or after his own formulas.

AWNLESS BROME GRASS (*Bromus Inermis*). Will produce heavy crops in dry sections and on poor soils when other grasses perish. It is one of the hardiest grasses and succeeds in a wide range of temperature. Price, lb., 75c; 10 lbs., \$7.00; 25 lbs., \$16.00; 100 lbs., \$60.00.

BENT, ASTORIA (*Agrostis Capillaris*). This variety differs from Rhode Island Bent in that it is an underground creeper, usually by rhizomes. It gives a dense, reinforced sod of a pleasing green color. Price, lb., \$1.75; 10 lbs., \$16.00; 25 lbs., \$37.50; 100 lbs., \$150.00.

BENT, COLONIAL (*Agrostis Tenuis*). Leaf-blades very narrow and flat; dark green; slightly creeping habit and makes a fine turf for putting greens. It succeeds on all well drained soils. Price, lb., \$1.75; 10 lbs., \$16.00; 25 lbs., \$37.50; 100 lbs., \$150.00.

BENT, RHODE ISLAND (*Agrostis Tenuis*). Distinguished by its dwarf habit, shorter and narrow leaves and its peculiar open panicle, which does not become closed when mature. Thrives well on acid soils. Produces only short stolons or runners; makes a very fine dark green turf. Price, lb., \$1.75; 10 lbs., \$16.00; 25 lbs., \$37.50; 100 lbs., \$150.00.

BENT, SEASIDE (*Agrostis Maritima*). This was first identified in Oregon, and has been offered by others under a special trade name. It is a hardy creeping variety, forming a close mat-like sward and is very desirable for putting greens. Does well in moist situations, making a rapid growth; blades are almost as narrow as true creeping bent. Price, lb., \$1.75; 10 lbs., \$16.00; 25 lbs., \$37.50; 100 lbs., \$150.00.

BENT, VELVET (*Agrostis Canina*). This is one of the finest types of Dwarf Grasses used for Putting Greens and Lawns. It is of light green color and does well on acid soils and in the shade. Price—on application.

BERMUDA GRASS (*Cynodon Dactylon*). A most valuable grass for the southern course. It is of dwarf habit with long creeping stems, rooting at the joint and covering the ground with a matting of fine turf. Price, lb., 75c; 10 lbs., \$7.00; 25 lbs., \$16.00; 100 lbs., \$60.00.

BLUE GRASS, ANNUAL (*Poa Annua*). Dwarf-growing type of grass that appears in lawns early in spring. Reseeds itself close to ground. Price, lb., \$1.25; 10 lbs., \$10.00.

BLUE GRASS, CANADA (*Poa Compressa*). A very hardy perennial grass with creeping root-stocks. It grows on the poorest and driest soils—sandy, gravelly, or clayey, standing severe wetness or drought. Price, lb., 75c; 10 lbs., \$7.00; 25 lbs., \$15.00; 100 lbs., \$55.00.

BLUE GRASS, KENTUCKY (*Poa Pratensis*). It is a true perennial, lasting indefinitely and improving every year. Kentucky Blue Grass has creeping underground stems; leaf blades very narrow; color a deep, vivid green. It is one of the very best grasses for Fairways in the North and succeeds well on all good soils, especially where lime is used. Price, lb., 75c; 10 lbs., \$7.00; 25 lbs., \$15.00; 100 lbs., \$55.00.

CARPET GRASS. This type of grass is used only in the South as it will not thrive where the temperature goes lower than 15 degrees. Very valuable for pasture and does well on poor, sandy soil. It spreads rapidly and will make favorable hay and has high feeding quality. Sow 15 lbs. per acre, broadcasted. Price, lb., 70c; 10 lbs., \$6.00; 25 lbs., \$14.00; 100 lbs., \$50.00.

CRESTED DOG'S TAIL (*Cynosurus Cristatus*). Should enter in moderate quantity in pasture and lawn mixtures. Price, lb., 90c; 10 lbs., \$8.50; 25 lbs., \$20.00; 100 lbs., \$75.00.

FESCUE, CHEWING'S NEW ZEALAND (*Festuca Chewings*). Imported from New Zealand is now recognized as one of the leading grasses for Putting Greens and Fairways. Makes a fine, compact turf of a dark green color. Price, lb., 95c; 10 lbs., \$9.00; 25 lbs., \$22.00; 100 lbs., \$85.00.

FESCUE, CREEPING RED (*Festuca Rubra*). This is the true creeping variety thriving well on poor soils and especially adapted for shaded locations. Price, lb., \$1.25; 10 lbs., \$11.50; 25 lbs., \$25.00.

FESCUE, MEADOW (*Festuca Pratensis*). This grass is also called English Blue Grass, and in the South, Randall's Grass; flat and bright green. Grows to a height of 30 inches when left uncut. For wet soils few grasses are equal to Meadow Fescue. Price, lb., 70c; 10 lbs., \$6.00; 25 lbs., \$14.00; 100 lbs., \$50.00.

FESCUE, TALL MEADOW (*Ecstuca Elatior*). Early, nutritive and productive in pastures on wet or clay soils. Price, lb., 75c; 10 lbs., \$7.00; 25 lbs., \$16.25.

ORCHARD GRASS (*Dactylis Glomerata*). A valuable grass in mixtures either for pasture or hay. Price, lb., 70c; 10 lbs., \$6.50; 25 lbs., \$16.00; 100 lbs., \$60.00.

RED TOP FANCY (*Agrostis Palustris*). Superfine. It is a perennial grass with a creeping habit of growth; leaf blades narrow. Red Top is a remarkable grass, accommodating itself to a variety of soils and conditions. It grows well on wet land. It is strongly drought-resistant and flourishes on soils so very poor in lime that most other grasses fail. Price, lb., 50c; 10 lbs., \$4.50; 25 lbs., \$11.00; 100 lbs., \$40.00.

REED CANARY GRASS. (*Phalaris Arundinacea*). This grass does well on soil that is poor and wet. It possesses good feeding value. Price, lb., \$1.00; 10 lbs., \$9.00; 25 lbs., \$20.00; 100 lbs., \$75.00.

RYE, DOMESTIC. A mixture of Italian and English grown in the United States. It produces an abundance of remarkably fine foliage, tillers out close to the ground and soon forms a compact sward. After being cut it grows up in a very short time and remains bright and green throughout the season. It is also a good variety for hay if cut when in blossom, as it is then most nutritious; if cut much later it becomes woody. Sow (if alone) 75 lbs. per acre. Price, lb., 40c; 10 lbs., \$3.50; 25 lbs., \$8.00; 100 lbs., \$30.00.

RYE, ITALIAN (*Lolium Italicum*). Like Perennial Rye Grass, it is a rapid grower and is treated as an annual. It is used largely in the South to sow over the Bermuda sod as soon as it turns brown. Sold out.

RYE GRASS, PERENNIAL (*Lolium Perenne*). This variety used in a mixture is an excellent "nurse" grass where a quick turf is desired. It produces a verdant growth four or five weeks after sowing. Price, lb., 50c; 10 lbs., \$4.75; 25 lbs., \$11.50; 100 lbs., \$45.00.

SUDAN GRASS (*Sorghum*). A valuable forage plant introduced from Egypt, similar in appearance to Johnson Grass but makes a finer hay. Sow 20 lbs. per acre. Price, lb., 40c; 10 lbs., \$3.25; 25 lbs., \$7.00; 100 lbs., \$25.00.

SWEET VERNAL, TRUE PERENNIAL (*Anthoxanthum Odorum*). Emits an agreeable odor, which it imparts to the hay. Sold out.

TALL MEADOW OAT (*Avena Elatior*). Of rapid growth, recommended for soiling and hay mixtures. Price, lb., 75c; 10 lbs., \$7.00; 25 lbs., \$16.25.

TIMOTHY (*Phleum Pratense*). This luxuriates in moist, loamy soils, and sometimes, in favorable situations, attains a height of 4 feet; even on light soils it yields fair crops. It is exceedingly nutritious, particularly when ripe, but as it is then very hard and pithy, it is better to cut it soon after flowering. It then makes magnificent hay. Sow (if alone) 25 lbs. per acre. Price, lb., 30c; 5 lbs., \$1.50; 100 lb. bag, \$13.00.

YARROW (*Achillea Millefolium*). Used to a great extent on Tees. It is a deep-rooting perennial and withstands drought. Sow alone, or with grass mixtures. Sold out.

Write for prices on larger quantities.

Purchaser Pays Transportation Charges on Grass Seeds Offered Above.

CLOVER—HENDERSON'S SUPERIOR

Natural Soil Improvers—Unexcelled for Stock Feeding

All Clovers have the power to gather Nitrogen from the air, and store it in the form of nodules on the roots; thereby providing rich food for crops of cereals, etc., which follow. Thus they save the cost of expensive commercial fertilizers, and the labor of loading and spreading farm yard manure. The long roots of Clover penetrate deeply into the soil, improve its drainage, render it more friable, and increase its capacity for holding moisture. When plowed under, Clover crops add humus to the soil, and further improve its mechanical condition. Purchaser Pays Transportation Charges on Clovers.

MEDIUM RED (Trifolium Pratense) DOMESTIC GROWN

Common or Medium Clover, June Clover

Red Clover according to locality is a biennial or short-lived perennial. It grows one to two feet in height usually makes two crops a year, yielding two to three tons of cured hay per acre. Clover hay is very nutritious; all stock fed on it require less grain; chopped and steamed it is a good substitute for green food for poultry during the winter. As pasturage all animals thrive on it, particularly cattle, sheep and pigs. In Northern States Red Clover seed is usually sown in the spring; the earlier the better. If grown alone, use 12 to 14 pounds of seed per acre if broadcast and cover not over half an inch deep. Red Clover may be seeded with a number of different grasses as Timothy, Orchard Grass or Tall Oat Grass, but usually it is grown with Timothy, 8 to 10 pounds of Clover and 20 pounds of Timothy seed being sown per acre. A very satisfactory combination is 5 pounds of Red Clover, 5 pounds of Alsike Clover, 20 pounds of Timothy and 5 pounds of Fancy Red Top per acre. This makes a fine quality of merchantable hay and the field does not run out so soon as Clover and Timothy alone. Price, lb., 65c; 5 lbs., \$3.25; 100 lbs., \$43.50.

MAMMOTH or PEA VINE (Trifolium Pratense perenne) RED DOMESTIC GROWN

Quite distinct from the common Red Clover, being of larger and coarser growth and valuable for purposes for which the latter is entirely unsuited. It lasts longer and is two or three weeks later than common Red Clover. Of very robust growth, yielding enormous bulk; valuable for reclaiming exhausted lands. Sow (if alone) about 12 lbs. per acre.

Price, lb., 65c; 5 lbs., \$3.25; 100 lbs., \$43.50.

ALSIKE OR HYBRID (Trifolium Hybridum) SWEDISH CLOVER

The blossoms are pinkish white. It is a perennial and one of the hardiest of all Clovers, thriving particularly well in cool and cold climates and stands freezing well, but also adapts itself to most climates where Clovers grow, and will grow in moister soil than Red Clover; in fact, has produced splendid crops under irrigation. The plants attain a height of one to two feet; stems and leaves, though smaller than those of Red Clover, are much more numerous, making hay of fine texture.

Alsike frequently produces good crops on soils on which Red Clover will not grow. We strongly advise farmers to add 2 or 3 lbs. per acre to their usual seeding of Red Clover and Timothy. Sow (if alone) 8 lbs. per acre.

Price, lb., 65c; 5 lbs., \$3.25; 100 lbs., \$40.50.

KOREAN (Lespedeza)

This strain is an improvement on the ordinary Japan, ripens earlier, makes a larger growth and a heavy cropper. Sow 15 lbs. per acre.

Price, lb., 40c; 10 lbs., \$3.50; 25 lbs., \$7.50; 100 lbs., \$25.00.

LADINO

This type of Clover is used in pasture mixtures with success and is harder than Alfalfa. Can be used as a green feed for poultry.

Sow 8 lbs. per acre.

Price, lb., \$3.00; 10 lbs., \$27.50.



CRIMSON or SCARLET (Trifolium Incarnatum)

Plowing under a good crop of Scarlet Clover is equivalent to 20 tons of stable manure per acre and even if the Clover be harvested or pastured, the benefits derived from the wonderful nitrogenous root formation will alone many times repay the cost of seed and labor.

Crimson Clover cut when coming into bloom makes hay richer in protein than Red Clover, and the yield on average soils is two to three tons per acre. It is especially adapted for green forage and silage and is much relished by dairy stock. Cut green before flowers mature.

Crimson Clover should not be fed after the flowers mature for the hairs of the calyx are apt to form "hair balls" in the stomachs of animals.

Sow at the rate of 15 pounds of seed per acre, either broadcast or drilled. Cover lightly with a harrow. In the latitude of New York City sow from July 15 to September 15, and in the South as late as October. Time of flowering is June; height 2 feet.

Price, lb., 50c; 10 lbs., \$4.00; 25 lbs., \$9.00; 100 lbs., \$32.50.

TALL SWEET or BOKHARA (Medilotus alba)

A perennial leguminous plant of tall, shrub-like growth, occasionally grown as a forage plant; and often for bees; the numerous small white flowers possess a sweet, honey-like fragrance. The importance of Bokhara Clover, however, is its value for plowing under for green manuring, particularly to prepare poor soils where it is difficult to get other crops to grow. Sow 10 lbs. to acre.

Price, lb., 35c; 5 lbs., \$1.75; 100 lbs., \$19.00.

WHITE

(Trifolium repens)

DUTCH or HONEYSUCKLE

White clover is a valuable addition to mixtures for permanent pastures, as it furnishes considerable plant food to the other Grasses composing such mixtures.

In mixtures for lawns White Clover is always used, as there is no plant more suitable for the formation of a dense sward, and also to prevent the washing out of soil during heavy rains.

Price, lb., \$1.50; 10 lbs., \$14.00; 100 lbs., \$125.00.

WILD WHITE

CERTIFIED NEW ZEALAND GROWN

A dwarf-growing clover which should be added to pasture, helps the grasses by adding nitrogen to the soil, thrives on all soils and is relished by cattle.

Price, lb., \$3.00; 10 lbs., \$25.00.

YELLOW TREFOIL

(Medicago Lupulina)

This variety of Clover is recommended by some states in mixtures for pasture. A dwarf growing hardy plant; it is a nourishing and beneficial food for all cattle. Sow 8 lbs. per acre.

Price, lb., 90c; 10 lbs., \$8.00; 25 lbs., \$17.50; 100 lbs., \$60.00.

ALFALFA or LUCERNE (Medicago Sativa)

Yields Good Crops in All Sections of the United States. Efficient Soil-Enricher and Hay-Producer.

NORTHERN GROWN DOMESTIC

It needs one season to become established, after which it yields enormous crops annually for many years. 3 or 4 cuttings per season, aggregating 4 to 6 tons cured hay per acre, are harvested, according to conditions and locality. It does well on all good, rich soils (except heavy clay), if well drained, or overlying a permeable subsoil; on calcareous soil it thrives especially well. Alfalfa is one of the best cover crops for orchards. Our strain of seed is grown in far Northern regions, where plants have to endure extreme cold and still thrive in those high altitudes. Our experience—and that of our customers—has shown that such seed is undoubtedly the best for the North and Eastern States. Before offering this seed to our customers for sale, it is thoroughly re-cleaned by the most modern seed cleaning machinery. By this process we separate the sound, perfect seeds from all rubbish and light, imperfect seeds. Sow in the Northern States during June, July or August, 30 to 40 lbs. of seed per acre if broadcast, 25 to 30 lbs. if drilled. In the South sow in February or September.

Price, lb., 70c; 5 lbs., \$3.50; 100 lbs., \$49.90.

GRIMM—The Hardest Alfalfa Known

DOMESTIC

By careful experimentation Grimm Alfalfa was found to be far superior to common kinds in withstanding unfavorable winters. This strain of Alfalfa seed not only endures extremely low temperatures, but it can be cut with greater safety in the fall, and will bear more abuse in the way of pasturage than any other forage plant. Grimm Alfalfa has larger crowns, and a more spreading root system than the ordinary Alfalfa. It is also claimed that it will yield from ten to fifteen per cent more than any other variety, and will start and thrive in undrained wet locations, where the ordinary sort was tried unsuccessfully. One of the characteristics of the Grimm Alfalfa is that some of the plants produce peculiar greenish-yellow flowers. The seed is high priced and it is rather hard to get the genuine article. Sow 30 lbs. per acre.

Price on Application.

"Legume Aid" Pays Big Dividends

Inoculation or nitrogen fixation is crop insurance for larger yields of Alfalfa and Clover. Legume Aid contains billions of bacteria living in a base which has sufficient moisture to insure good seed environment for the preservation of the organisms. Offered in dated containers, insuring fresh stock.

Price, 1 bushel size, 50c; 2 1/2 bushel size, \$1.00, postpaid. State when ordering if wanted for Alfalfa or Clover.

We are always glad to advise with our Farmer Friends—There are 97 Years of Accumulated Experience back of our advice.

FIELD CORN, NEW AND STANDARD VARIETIES OF HIGH YIELD

Sow 8 to 10 qts. per acre. Purchaser pays transportation charges.

Hybrid Varieties

With the introduction of the Hybrid Strains of Field Corn, there has come a distinct advance in agricultural efficiency. Besides possessing distinct disease resistant qualities, they have proven their superiority in out-yielding other standard sorts by as much as from 15 to 30%. Our tests of the varieties which we are offering here, have proven them to be outstanding.

U. S. No. 13 HYBRID DENT

Matures in 115 Days

At our Trial Grounds at Red Bank, N. J., this new hybrid has proven itself to be an outstanding variety. The plant is vigorous, medium in height and very uniform in growth. The foliage is rich green, and abundant. It is extremely productive—a large proportion of the stalks bearing two ears.

The ears are large, 16 to 18 rowed, deep grained and bright golden yellow in color. As it matures fully within 115 days, it can be grown successfully over a large area and in sections where the older, long season types of dent corn do not succeed. As an ensilage corn U. S. No. 13 Hybrid will prove to be a winner.

Price, qt., 60c; ½ peck, \$1.50; 1 peck, \$2.75; bushel, \$10.00.

U. S. No. 65 HYBRID DENT

100 to 105 Days

This is the earliest of all Hybrid Dent Corn. It is medium tall stiff stalk and low eared. The ears are medium sized 16 to 18 rowed and yields are fair in consideration of short season but in most cases is sure to ripen.

Price, qt., 60c; ½ peck, \$1.50; 1 peck, \$2.75; bushel, \$10.00.

CORNELL No. 29-3 HYBRID DENT

Matures in 110 Days

This variety was developed for ensilage on high elevations, and husking use on lower elevations. It is from inbreds of Cornell 11, Bloody Butcher, Onondaga White Cap, and Lucas Favorite.

The kernels lack uniformity of color and range from white to deep red and ripen in 110 days.

Grows tall and somewhat more leafy; matures as early as Cornell No. 11. Has a stronger root system than the open pollinated varieties and therefore, less trouble with lodging. Can be used both for ensilage and husking. This variety has become popular throughout New York State and vicinity during the past few years.

Price, qt., 70c; ½ peck, \$1.75; peck, \$3.00; bushel, \$10.00.

SEMESAN JR. IMPROVED.

Corn-disinfectant. Protects seed against rotting, increases germination, controls blight. 12 oz., 56c; 6¼ lb. can, \$3.75; 25 lbs., \$12.50.



U. S. NO. 13 HYBRID DENT CORN grown by Mr. Thomas Shearin, Morristown, N. J., who says, "Notwithstanding a severe drought it produced a wonderful crop."

LONG'S CHAMPION YELLOW DENT

115 to 120 Days

20 to 24 uniform rows of long, broad kernels

Will mature in the latitude of New York if planted during the first week of May. Early planting is essential, even though there may be some risk of injury by the frost, which could be overcome on emergency by replanting. This King of Corns is without doubt the finest, the largest and the most productive Yellow Dent Corn ever produced, and will be found to be of great value to the farmer, especially in the Corn belt of the Middle and Eastern States, on account of its immense yield, at least 25% and often 50% more than can be obtained from the average old-type Corns generally planted.

It is a luxuriant grower, about 12 to 15 feet high, and in Lebanon County, Pa., has never failed to mature by September 20th when planted the first week of May. Sow 8 to 10 qts. per acre.

Price, qt., 50c; ½ peck, \$1.00; 1 peck, \$1.75; bushel, \$5.00.

CORNELL NO. 11 YELLOW DENT

Matures in 110 Days

This variety has been recommended by institutions in New York State where it has been grown extensively with the best results, has a long ear and heavy stalk, which give it a valuable place for ensilage.

This type does well in New York, New Jersey and Connecticut.

Price, qt., 60c; ½ peck, \$1.25; 1 peck, \$2.00; bushel, \$6.00.



LONG'S CHAMPION

FIELD CORN

Standard Dent Varieties

EARLY GOLDEN ORANGE DENT

A 90 to 100 Day Variety. Long Desired by the Northern Farmer.

Henderson's Early Golden Orange Dent Corn is the most desirably colored corn we have ever seen, and when shelled it makes the prettiest picture ever presented to the eye of the farmer. It is at least ten to fifteen days earlier than any other dent variety, maturing in about ninety to one hundred normal corn days and specially adapted for short seasons of the northern latitudes.

The stalks are about 10 to 12 feet high, very strong and rank. The ears grow eight to eleven inches long and contain 14 to 18 rows of kernels on a red cob. The grains are deep and solid, making it very heavy in grain and a wonderful sheller. The ears for shelling were all selected by hand and the seed is in first-class merchantable condition.

Price, qt., 60c; peck, \$2.25; bushel, \$6.00.

LANCASTER SURE CROP YELLOW DENT

105 Day Variety

One of the best varieties for cribbing and also silage. The fodder is very tall, leafy, and withstands drought, develops the ear early, the kernels are long and narrow, fills out to the ends and shells out very satisfactorily. It is a sure cropper and will mature when other dent varieties fail.

Price, qt., 60c; peck, \$1.50; bushel, \$5.00.

EARLY NORTHERN WHITE DENT

Extraordinarily prolific, a 105 day variety, ripens thoroughly south of Albany and Buffalo. Large ears 10 to 12 inches long, 7 to 8 inches in circumference. Borne 2 to 2½ feet from the ground. Long kernels, small cob. Leafy, luxuriant plant, making fine fodder.

It will ripen in Connecticut, New York State (except in that portion north of Rochester and Troy), and being vastly superior in every respect to the Flint varieties. Sow 8 to 10 qts. per acre.

Price, qt., 50c; peck, \$1.50; bushel, \$4.00.

Flint Varieties

EXTRA EARLY YELLOW 90 Day

It yields 50 to 60 bushels of shelled Corn per acre and can be shelled and grown earlier than any other variety. It is especially adapted to Northern conditions (cool nights and short summers), and under favorable conditions the yield is immense. The ears are eight-rowed, remarkably long, frequently measuring 15 inches and over, of a rich amber color, thickly set with large, broad kernels. The stalks are medium height. In ordinary seasons it will mature in ninety days, and can be shelled and ground for feed earlier than any other large-yielding variety. It is especially valuable in sections where Corn cannot be planted before the middle of June.

Price, qt., 60c; peck, \$1.50; bushel, \$4.50.

KING PHILIP

Coppery-red. Very early. Usually matures three months after planting. Ears large sized and handsome. 10 to 12 inches long. Matures in 90 days.

Price, qt., 60c; peck, \$1.50; bushel, \$4.50.

LARGE WHITE

Valuable for ensilage in the Northern states as well as for the grain.

Handsome ears, large well-filled kernels, fine quality. Matures in 90 days.

Price, qt., 60c; peck, \$1.50; bushel, \$4.50.

CORN for FODDER and ENSILAGE

Sow broadcast 2 bushels; in drills, 1 bushel per acre

SOUTHERN HORSE TOOTH. Grows to a large size, is very leafy and well adapted for ensilage. Large quantities of this corn are sold by feed and other stores which usually result in disappointment to the farmer. There is no corn seed more difficult to cure or keep properly, and much of it is kiln-dried, while large quantities have been stored in elevators and gone through a sweating process which has destroyed the germ. The stock we offer is carefully selected, sun-dried and of high germination.

Price, qt., 60c; peck, \$1.30; bushel, \$4.25.

EVERGREEN SWEET FODDER. Fodder grown from the Evergreen Sweet Corn is superior in quality to that of the ordinary field varieties, being richer, sweeter and more digestible. The best plan is to sow in rows 24 to 30 inches apart, using one bushel of Corn per acre.

Price, qt., 50c; peck, \$1.30; bushel, \$4.00.

SORGHUMS Etc. FOR FEED

DOURA YELLOW BRANCHING. (Yellow Milo Maize.) Earlier than the Rural Branching and of taller growth, often attaining a height of 9 to 12 feet, but it does not stool out quite as much from the ground, although it branches out from the joints.

Price, lb., 35c; 10 lbs., \$2.50; 25 lbs., \$5.00; 100 lbs., \$15.00.

SORGHUM or SUGAR CANE. Of great value for cutting green and feeding green during hot weather in summer, when pastures are apt to be burned up. Being a tropical plant, it makes its best growth during just such weather, and cattle, horses and sheep relish it, and it may be fed to them with safety. Sow in drills, 10 to 12 lbs. per acre; broadcast 20 to 25 lbs. per acre. Should be cut when about 2 feet high, and will yield several such cuttings. Earlier than the Orange and may be grown even in Northern States. Cured in the same way as a heavy crop of Clover, it makes an excellent quality of hay.

EARLY AMBER. Price, lb., 35c; 10 lbs., \$2.50; 25 lbs., \$5.00; 100 lbs., \$15.00.

EARLY ORANGE. Produces a larger and heavier growth than the Amber but is later.

Price, lb., 35c; 10 lbs., \$2.50; 25 lbs., \$5.00; 100 lbs., \$15.00.

BROOM CORN

EVERGREEN. Entirely free from all crooked brush, and remains strictly green, consequently, always commands the highest market price.

Price, lb., 40c; 10 lbs., \$3.50; 25 lbs., \$8.00; 100 lbs., \$30.00.

KAFFIR CORN

WHITE. Excellent fodder plant green or dried, and the grain is valuable for feeding poultry.

Price, lb., 35c; 10 lbs., \$2.50; 25 lbs., \$5.00; 100 lbs., \$15.00.

RED. Taller than white; leafy and juicy; grain good for poultry.

Price, lb., 35c; 10 lbs., \$2.50; 25 lbs., \$5.00; 100 lbs., \$15.00.

Purchaser pays transportation charges. Prices subject to change.

OATS, HENDERSON'S

SELECTED VARIETIES
OF SUPREME QUALITY

IMPORTANT. A change of Seed Oats is necessary and the seed should be renewed at least every second or third year. Oats grown on the same soil year after year deteriorate rapidly and soon become light, chaffy and unprofitable.

CLYDESDALE

The Most Popular High-Grade White Oat

Since we introduced this Grand Oat it has steadily and deservedly gained in popularity, and today it is the most popular High Grade White Oat in the United States. The ultimate financial benefit accruing to the American farmers by the annual distribution of several thousand bushels of Clydesdale Oat cannot be overestimated. These Oats weigh considerably more per measure bushel than any other variety, so that the produce is worth for seed purposes at least double the market value of ordinary Oats. No other Oat can show such a record—75 to 100 bushels per acre, and double the usual quantity of straw. Another most important advantage of Clydesdale Oat to the farmer is the fact that they have been thoroughly cleaned by the latest and most improved machinery, and are absolutely free from weed seeds. Sow 3 bushels per acre.

Price, peck, **\$1.00**; Standard bushel of 32 lbs., **\$3.00**; 10-bushel lots, per bushel, **\$2.90**; 100-bushel lots, per bushel, **\$2.80**.

LONG'S WHITE TARTAR

Vigorous Constitution Immense Yields Very Early

The earliest, heaviest and most prolific domestic-grown Side Oat in cultivation. It is suitable for all soils; of robust and vigorous constitution, is remarkably early and an immense cropper; the straw is long and stout, stands up well and does not readily lodge or twist. The heads measure from 8 to 10½ inches, and the kernels, are of immense size, thick, plump and heavy; it is undoubtedly the heaviest cropping domestic white Oat ever offered.

Planted alongside some of the older varieties, it usually yields more than double the number of bushels per acre of any of the other sorts; 100 bushels per acre may be expected of it under good conditions.

Its extreme earliness, great length and strength of straw, thick, plump grains and the heavy yields it is capable of producing give Long's White Tartar all the necessary qualifications which go to make an ideal Oat. Sow 3 bushels per acre.

Price, crop failure.

STORM KING

This is a side oat. The true white tartarian. The average weight of the grain is 40 lbs. Sow 3 bushels per acre.

Price, crop failure.

CORNELLIAN

Small Gray Oat with a very thin hull which gives a high feeding value. A heavy yielder, especially in New York State. We have a true stock free from impurities. Sow 3 bushels per acre.

Price, peck, **\$1.00**; bushel of 32 lbs., **\$3.00**; 10-bushel lots, per bushel, **\$2.90**; 100-bushel lots, per bushel, **\$2.80**.

For Greater Yields Treat All Cereal
Seed With New Improved "Ceresan"

To control destructive smuts; improve your yield of OATS, WHEAT and BARLEY. Recommended by N. Y. STATE Colleges.

1 pound treats 32 Bushels. Price, 1 lb., 80c; 5 lbs., **\$3.40**.



The Purchaser Pays Transportation Charges on Farm Seeds, Except Where Noted.

MILLET

Selected Varieties

Millets deserve greater recognition on account of their adaptability to various soils. Their chief importance is as dry weather, summer catch crops, and are of great value to succeed crops that fail, such as Corn, etc., or for planting on newly broken land. Also for the Silo and Cutting Green in the Northern and New England States.

BARNYARD (*Panicum Crus-Galli Major*)

Entirely distinct from any other Millet, grows tall and produces an enormous crop. It grows 6 to 8 feet high, stands remarkably well notwithstanding its great height, and yields from 10 to 12 tons green fodder per acre. When cured it makes an excellent quality of hay, and its feeding value is far superior to Corn fodder. It is much relished by all kinds of stock, whether green or cured. If to be made into hay, cure as you would a heavy crop of Clover.

This Millet does not endure drought well, except it be sown early in retentive soil, and it is not adapted to the Southern States; but north of Washington, D. C., and especially for good, rich soils, we confidently recommend its general cultivation. It will produce a fair second cutting, if sown early in May, and cut when in blossom. It may be sown from the middle of May to the 1st of July, broadcast, at the rate of 15 lbs. per acre, but it is better to sow in drills, 12 to 18 inches apart, using 10 to 12 lbs. per acre, and hoed between the rows to keep down all weeds until the plant attains a height of 12 to 18 inches, when its rapid growth will smother all weeds.

Price, lb., 35c; 10 lbs., \$2.50; 25 lbs., \$4.00; 100 lbs., \$14.00.

GOLDEN (*Northern Grown*)

This variety is considerably larger than Hungarian and yields a much heavier crop, but is later and not so quick growing, consequently cannot be sown much after the fourth of July in this latitude. To maintain its heavy cropping character, seed of this variety needs to be specially cultivated.

Our seed is specially grown and selected, and will produce nearly double the crop obtained from seed not so grown. Sow 50 lbs. per acre.

Price, lb., 35c; 10 lbs., \$2.50; 25 lbs., \$4.00; 100 lbs., \$14.00.

HUNGARIAN

Is the quickest of catch crops for hay, and as it may be sown any time during the summer months up to the middle of August, it is invaluable for overcoming a shortage of the regular hay crop, being fairly drought resistant. Sow 50 lbs. per acre.

Price, lb., 35c; 10 lbs., \$2.50; 25 lbs., \$4.00; 100 lbs., \$14.00.

PEARL (*Pennisetum Spicatum*)

This has been cultivated in the Southern States, under the names of African Cane, Egyptian Millet, Cattail Millet and Horse Millet. It grows with tropical luxuriance in strong, loamy soil. Is not so hardy as the other varieties, and succeeds best in latitudes south of New York. Sow in drills, 5 to 6 lbs. per acre; if broadcast, 8 lbs. per acre.

Price, lb., 50c; 10 lbs., \$4.50; 25 lbs., \$10.00; 50 lbs., \$17.50; 100 lbs., \$30.00.



GOLDEN MILLET

BARLEY—BEARDED

Should be grown more than it is. The straw makes excellent rough feed for all kinds of stock. It is also one of the best grains with which to sow down to grass in spring. Barley meal is also good food for all domestic animals and nearly equals Corn in feeding value. To produce large crops of Barley, the soil should be well prepared to receive the seed. It should be made fine, firm and fertile.

Barley is a good crop to follow Corn grown on Clover sod, as the land is then in prime condition. Harrow and roll well after seeding. The crop should be harvested before it is too ripe, if a bright white berry is wanted. Sow $2\frac{1}{2}$ bushels per acre broadcast and $1\frac{1}{2}$ to 2 bushels per acre if drilled.

ALPHA. A two-rowed variety heavy cropper, used extensively in Eastern States with success.

Price, peck, \$1.25; bushel (48 lbs.), \$4.00.

ODERBRUCKER. This is a stiff-strawed, heavy yielding, six-rowed, bearded variety, plump kernels.

It has nearly double the amount of protein found in many other varieties; this makes it a valuable feeding Barley, which is an important consideration with the leading farmers who are now appreciating more and more the value of Barley as a feed for all kinds of stock, horses as well as cattle.

Price, peck, \$1.25; bushel (48 lbs.), \$4.00.

TRUE DWARF ESSEX RAPE

Provides Perfect Pasture and is greatly Relished by all Stock

There are several varieties of Rape, but care should be taken to procure the Dwarf Essex, or English, as it is sometimes called. In Northern states it should be sown from April to end of August for fall pasturing, but as it thrives best in cool weather, it should not be sown in the Southern states until September or October for winter pasture. In the latitude of New York it should be sown in drills or broadcast in April, or in July or August. Its fattening properties are probably twice as good as those of Clover, and for sheep the feeding value of Rape excels all other plants we know of. Sow 4 lbs. per acre broadcast, or 2 to 3 lbs. in drills.

Price, lb., 40c; 10 lbs., \$3.50; 25 lbs., \$8.00; 100 lbs., \$30.00.



DWARF ESSEX RAPE



SOY or SOJA BEANS

A plant of manifold uses. The plants are invaluable as a green manure, also for forage and pasture, silage, etc. The beans are used in many ways, both for human and stock consumption. The oil derived from the beans has hundreds of industrial uses. It is, therefore, little wonder that the cultivation of Soy Beans is growing by leaps and bounds throughout the United States.

Soy Beans grow successfully in practically all soils, and succeed well in all locations where corn thrives well. The varieties offered below are among the most popular in cultivation.

A great Soil Enricher, gathering nitrogen from the air. Produces enormous crops as far North as Canada. Ripening Seed as far North as Massachusetts. Especially Valuable (in combination with Japanese Millet and Fodder Corn) for Ensilage, supplying the albuminoids or flesh-forming food.

Planted in rows $2\frac{1}{2}$ feet apart, 6 to 8 plants to the foot of row, requiring 50 pounds per acre, they yield 15 to 20 tons per acre of fodder, very rich in flesh formers. For green feed, use from time of blossoming till pods are well filled; for the silo, cut as soon as most of the pods are well filled, and cut into $\frac{1}{2}$ -inch to $2\frac{1}{2}$ -inch lengths.

EARLY WILSON BLACK. This variety has proved its earliness and value in the Northern States by not only producing large fodder crops, but ripening the seed as far north as Massachusetts. The grain is the richest vegetable substance known, and when ground and fed to cattle gives a milk richer and better than if fed other meal.

Price, lb., 50c; 10 lbs., \$3.00; 50 lbs., \$6.50; 100 lbs., \$12.00.

MAMMOTH YELLOW. This variety was developed and has been tested in the East and South with very satisfactory results. Grows well on very poor soils, easily reaching a height of three feet in eight weeks after sowing, in the latitude of New York. This is an excellent variety for green manuring, and will also make good hay and ensilage. Under ordinary growing conditions, the beans will mature well before frost sets in. Plant 50 pounds to the acre.

Price, lb., 50c; 10 lbs., \$3.00; 50 lbs., \$6.50; 100 lbs., \$12.00.

MIXED SOY BEANS. In mixture Soy Beans are considered to be one of the most valuable of all cover crops. It tends to distribute the air gathered nitrogen over a wider range of depths in the soil and provides a great mass of organic material for plowing under. It grows quickly and is effective in keeping down weeds in unused soil. Plant at the rate of 2 pounds per 1,000 square feet or 50 pounds to the acre.

Price, lb., 50c; 10 lbs., \$3.00; 50 lbs., \$6.00; 100 lbs., \$11.50.

EDIBLE SOY BEANS see page 11.

COW PEAS (VIGNA CATIANG)

Cow Peas are the great leguminous crop of our Southern States, where they play the same important role in rotation farming that Clovers and Canada Peas do in the North

Cow Peas are more tender than Canada or Field Peas and should not be sown until Corn-planting time. Cow Peas, being of very rapid growth during the warm weather, can be sown as late as the middle of July with reasonable assurance of a profitable crop, either for harvesting or plowing under.

The early varieties are quite extensively and successfully grown for forage and soiling as far north as Massachusetts, but so far north the crop may not ripen seeds. As a soil renovator and enricher Cow Peas are very valuable, as they collect nitrogen from the air in large quantities and fix it in the soil, thus adding this expensive element of fertilizer to the land without cost, and leaving it richer and in better condition for the future crop. Cow Peas grow on all soils from the stiffest clays to porous sands, barren uplands and alluvial bottoms. The feeding value is high, whether as green forage, cured hay or silage, being especially rich in blood, bone and muscle-forming material. For green-manuring clay land, the crop should be turned under green. On sandy soil, already too light, the vines should decay on the surface and then be turned under. Sow 100 lbs. per acre.

MIXED COW PEAS. Extra-early maturing in about 60 days, specially adapted for planting in the North for Green Manure.

Price, lb., 40c; 10 lbs., \$3.00; 50 lbs., \$7.50; 100 lbs., \$14.00.

CANADA FIELD PEAS

There is no crop of greater value than Field Peas. Whether for fodder, in mixture with Oats, sown at the rate of 100 lbs. of Peas and 1 bushel of Oats per acre, or the Peas sown alone at the rate of 150 lbs. per acre for plowing under. Peas have the power of extracting nitrogen from the air and fixing it in the soil. Sown alone for fodder or in combination with Oats for hay, or as a crop to plow under for green manure, they are unsurpassed.

Price, lb., 40c; 10 lbs., \$3.00; 50 lbs., \$8.00; 100 lbs., \$15.00.

BUCKWHEAT

Yields Double Very Early, Makes the Finest Flour

The seed we offer is grown from the largest type. The kernels are at least twice the size of any other variety and of a shape peculiar and distinct from all others. The color is also most distinct, being of a rich dark shade of brown. There is always a good market for the grain as it is in demand for all purposes. For bees it is of the greatest value and for this purpose has displaced all other varieties.

An excellent plan is to sow Crimson Clover along with Buckwheat, especially when put in late from middle of July to first of August. They come up together, but the Buckwheat is the stronger grower and the Crimson Clover makes but little showing until the Buckwheat is removed. If frost should kill the Buckwheat before ripe, it may be left as a protection, the dead Buckwheat being just the sort of mulching and protection needed by the Clover.

Price, lb., 40c; 10 lbs., \$3.50; 50 lbs., \$7.50; 100 lbs., \$14.00.

Purchaser pays Transportation Charges. Prices subject to change without notice.

Miscellaneous Agricultural Seeds

MANGEL WURZEL or STOCK BEETS

Mangels are the most important of all root crops for feeding, and form the best winter feed for cattle and hogs. They increase the flow of milk when fed to milch cows and yield enormous crops, as much as 50 tons having been grown on one acre. They may be grown in any part of the American continent on fairly good farm land; all that is necessary is good cultivation. The best soil for Mangels is loose, friable loam and deep plowing. Follow the plow with a subsoil plow, and the crop will more than repay the extra trouble. The soil should be well enriched, and the seed sown in May in drills 24 inches apart in light soils, and 30 inches apart in strong, rich land; thin out the plants with a hoe to 9 inches apart in the former and 12 inches apart in the latter. 6 to 8 lbs. of seed are used per acre if sown with a drill, or double that quantity BROADCAST.

COLOSSAL LONG RED

This is a distinctly fine breed of this popular Mangel. The roots are smooth and regular, of the largest size and blood-red color. The quality is exceedingly nutritious, and in all respects this variety is most distinct and valuable.

Price, $\frac{1}{4}$ lb. 75c; lb., \$2.00.

GOLDEN TANKARD

The roots are handsome in shape with deep orange colored skin. The flesh is bright golden-yellow, and in this respect differs from most other varieties, which cut white. Sheep have a preference for this sort over other Mangels; it is said that they will pick out every piece of Golden Tankard before touching others. It yields under the best cultivation 75 tons per acre.

Price, $\frac{1}{4}$ lb., 75c; lb., \$2.00.



DANISH SLUDSTRUP

Highly recommended. Color reddish-yellow of Giant Intermediate type. It has great feeding value for cattle and hogs, heavy yielder.

Price, $\frac{1}{4}$ lb., 75c; lb., \$2.00.

SUGAR BEETS

VILMORIN'S IMPROVED WHITE. A greatly improved variety of Sugar Beet obtained by over 20 years' continued and systematic selection. The proportion of sugar in the roots, under ordinary circumstances, amounts to 18 to 20 per cent while in other varieties the usual average is 12 to 15 per cent. Has yielded 30 tons and over per acre, and is unequalled for feeding cows and young stock.

Price, $\frac{1}{4}$ lb., 75c; lb., \$2.00.

BEGGAR WEED (*Desmodium tortuosum*)

A leguminous annual plant growing, according to soils and conditions, 3 to 7 feet high. It is highly esteemed where known in our Southern States as a forage and soil renovating crop.

Price, lb., \$1.25; 10 lbs., \$10.00.

BIRD SEED, Fancy CANARY SEED

Recleaned.

Price, lb., 40c; 10 lbs., \$3.50; 25 lbs., \$8.00; 100 lbs., \$30.00.

"WILD BIRD SEED" MIXTURE

Feed your feathered friends during the winter when food is scarce with this mixture.

Price, lb., 25c; 10 lbs., \$2.00; 25 lbs., \$4.75; 100 lbs., \$16.00.

MAMMOTH RUSSIAN SUNFLOWER

Highly valued as an excellent and cheap food for fowl. It is the best Egg-Producing Food known. It can be raised cheaper than Corn. Four pounds of seed will plant one acre.

Price, lb., 40c; 10 lbs., \$3.50; 25 lbs., \$8.00; 100 lbs., \$30.00.

SHALLU or EGYPTIAN WHEAT

Heads are similar to Broom Corn, very large yields of grain and fodder. Excellent feed for Cattle, Chickens, etc. Sow 5 lbs. per acre.

Price, lb., 45c; 10 lbs., \$4.00; 25 lbs., \$8.00; 100 lbs., \$25.00.

TEOSINTE

Reana Luxurians

The plant resembles Corn, but is more leafy and tillers enormously. After cutting it grows again with remarkably rapidity. Those having only a small amount of land on which it is desired to produce the maximum amount of forage should sow Teosinte. Plant in drills, 6 to 8 lbs. per acre.

Price, lb., \$1.50; 10 lbs., \$12.50.

Purchaser Pays Transportation Charges.



SHALLU



TEOSINTE



SPRING WHEAT

A Page of Vital Interest to Every Farmer and Gardener

This page is of vital interest to every garden owner, as well as to every farmer, because good tillage on large or small areas requires ground covers and green manures. No cultivated area should be allowed to remain without a ground cover for even a short time, or erosion and the wind will cause serious damage to it.

All of the following items are valuable not only for the crops they produce, but also as ground covers and soil improvers. A combination of either Wheat or Rye and Vetch is excellent.

SUPERIOR SEED WHEAT Sow $1\frac{1}{2}$ Bushels per acre

It is grown especially for seed purposes from the choicest selected cross-bred and pedigree strains, and re-cleaned at our warehouses which are equipped with modern seed-cleaning machinery. This enables us to supply direct to the farmer plump and heavy seed, at lowest possible prices, when quality is considered. The variety offered is the best of the Spring Wheats, yield well, and the milling qualities of the grain surpasses even the best of the Winter varieties. Spring Wheat is also a satisfactory crop to sow along with Grass seed.

THATCHER—Spring Wheat Most Productive. Highest in Quality.

This famous variety is of Canadian origin. It retains the frost-resisting qualities of its predecessors and matures—as several farmers put it—in time to avoid rust, smut, or drought. As to productiveness many growers report 52 and more bushels per acre. Milling tests show that this Wheat contains a greater quantity of gluten, is a better color, shows greater absorption, and is heavier in weight per bushel than any other Spring Wheat. Our stock was raised in the far north and is early, hardy and productive.

Price, peck, \$1.75; bushel (60 lbs.), \$5.00.

THE VALUE OF GREEN MANURE CROPS

They make your soil more fertile and check soil erosion

The two most important factors of a fertile soil are: An abundance of organic matter or humus, and an abundance of plant food. The latter may be easily supplied from the fertilizer bag, but the former is a much more troublesome problem. Dairy farms, on which liberal supplies of manure are produced, and on which sods and crop residues are turned under, should have little difficulty in keeping up the organic matter supply of the soil; with the judicious use of fertilizer and lime it would be a comparatively easy matter to maintain crop yields. With other types of farms, however, particularly vegetable and fruit farms, the problem of keeping the soil adequately supplied with organic matter is one which requires considerably more attention. The most economical and one of the most satisfactory means of maintaining soil fertility, is the use of a green manuring mixture of seed.

GREEN MANURE, SEED MIXTURE

A combination of various rapid-growing legumes which will add humus and nitrogen to the soil. Plant early in the fall for turning under in the spring. Mixture may be broadcast, or sow at the rate of 1 lb. per 1,000 square feet.

Price, lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00; 10 lbs., \$3.75; 25 lbs., \$8.00; 50 lbs., \$16.00; 100 lbs., \$30.00; transportation paid.

VETCH, SAND or WINTER (*Vicia Sativa*)

The Best Legume for Sandy Soils

It is the earliest crop for cutting, and a full crop can be taken off the land in time for planting spring crops. Being much hardier than Scarlet Clover, this is the forage plant to sow in the Northern States, where Scarlet Clover winter kills, though it is equally valuable in the South. Every dairyman and stock breeder in the United States should have a field of Winter Vetch.

Although Sand Vetch succeeds, and even produces good crops on poor, sandy soils, it is, naturally, more vigorous on better land. Under such conditions the plant produces numerous branches 3 to 6 feet long. Both leaves and branches are covered with fine hairs, hence it is sometimes called "Hairy Vetch." Sand Vetch is hardy all over the United States, and in most places remains green all winter. The crop may be seeded, either from the middle of August to the middle of September, or in the spring from the middle of April to the middle of May.

Sown in the fall it should be mixed with Mammoth Red Clover or Rye to serve as a support for the vines, thus keeping the forage off the ground.

If shown in the spring it may be mixed with Oats or Barley. Fall sown crops furnish some forage before winter comes, and as growth starts very early in the spring it can be pastured, cut for hay, or turned under to renovate the soil.

The foremost orchardists highly recommend Sand Vetch as a cover crop. Soluble plant food in porous soils leaches away in considerable amounts during the late fall and the early spring, when the roots of trees are not actively foraging for it.

Sow 60 pounds per acre, with one-half bushel of Rye or Wheat.

Price, lb., 50c; 10 lbs., \$4.50; 25 lbs., \$10.00; 100 lbs., \$35.00.

SPRING VETCHES or TARES (*Vicia Villosa*)

A species of the Pea, grown for stock, and often mixed with Oats for soiling. Sown broadcast at the rate of 100 to 150 pounds per acre.

Price, lb., 50c; 10 lbs., \$4.00; 25 lbs., \$8.00; 100 lbs., \$30.00.

WINTER SEED WHEAT

For illustrations and descriptions of varieties of Winter Wheat see "Henderson's Fall Wheat Circular" issued in August. We offer the leading varieties.

We can also take orders now for delivery from the harvest of 1944 at price ruling at time of shipment.

RYE—Sow $1\frac{1}{2}$ bushels per acre SELECTED SPRING RYE

A variety produced by planting Winter Rye in the spring for several years and selecting the seed until the type is fixed. It is an excellent "catch-crop" where Fall sown grain has been winter-killed, and also for fodder.

Price, peck, \$1.50; bushel (56 lbs.), \$4.50.

ROSEN

A remarkably heavy cropping Rye, having in fact outyielded many other varieties both in straw and grain. The heads average 5 inches in length and are filled from end to end with plump medium-sized grains.

Price, qt., 60c; $\frac{1}{2}$ pec 90c; peck, \$1.50; bushel \$4.50.

GIANT WINTER

Grown for green manure and putting the soil in loamy condition, also a green early fodder.

Price, qt., 60c; $\frac{1}{2}$ pec 90c; peck, \$1.50; bushel, \$4.50.

For Greater Yield Treat All Cereal Seed With New Improved "Ceresan"

To control destructive smuts; improve your yield. OATS, WHEAT and BARLEY. Recommended by N. Y. STATE Colleges.

1 pound treats 32 Bushels
Price, 1 lb., 80c; 5 lb. \$3.40.



The Purchaser Pays Transportation Charges on Farm Seeds, Except Where Noted.

Henderson's Tested Flower Seeds for American Gardens

NEW PETUNIA *Glamour*

PETUNIA. (A) GLAMOUR—
Honorable Mention

1341 Truly one of the loveliest petunias we have ever grown. The flowers range from 4 to 5 inches across; they are artistically waved and ruffled, and the color is a beautiful salmon rose with golden brown veining on the white throat. Brilliant in the garden and glorious under artificial light. It is continuously in bloom and is the object of much admiration wherever grown. The plant attains a height of from 15 to 18 inches. Pkt., 50c

A Few of America's Recently Introduced Annual Flowers

Comprising the outstanding offerings of the World's Leading Flower Breeders, as well as those of Our Own Origination. All flower seeds offered have merited a place in this catalog after they proved their worth as desirable subjects for American Gardens at our Testing Grounds at Red Bank, N. J.

Suitable material can be found here for practically all types of gardens, as well as special strains of flowers for the competitive grower. Henderson's strains are always in evidence in the Blue Ribbon class wherever flowers are exhibited.

They are arranged in alphabetical order for your convenience. Explanation of the letters following the various species of flower seeds:

- (A) Annual
- (P) Perennial
- (CA) Climbing Annual
- (CP) Climbing Perennial
- (B) Biennial
- (TP) Tender Perennial

RIGOLD (A) GOLDEN BEDDER
See page 80

ZINNIA (A) FANTASY MELODY
See page 98

ZINNIA (A) HOWARD'S GIANT CRESTED
See page 97



"An encyclopedia of flower culture boiled down to vest-pocket size," describes our booklet, "Henderson's Flowers for American Gardens," sent without charge on request.



HENDERSON'S RED, WHITE & BLUE COLLECTION OF NEW *Ipomoeas* (A)

A-Scarlett O'Hara, B-Pearly Gates, C-Clark's Heavenly Blue. (See descriptions Page 78)

2521 Special Offer: Collection of three packets 60c.

HENDERSON'S AMERICAN BEAUTY COLL. OF NEW *Verbenas* (A)

(See descriptions Page 94)

4521 Special Offer: The collection of six packets \$1.00.





Henderson's new CUT FLOWER
COLLECTION OF 16 PACKETS OF
UP-TO-DATE AND IMPROVED
EASILY GROWN GARDEN ANNUALS

4765 Special Offer...\$1.50

SEE DESCRIPTION PAGE 96

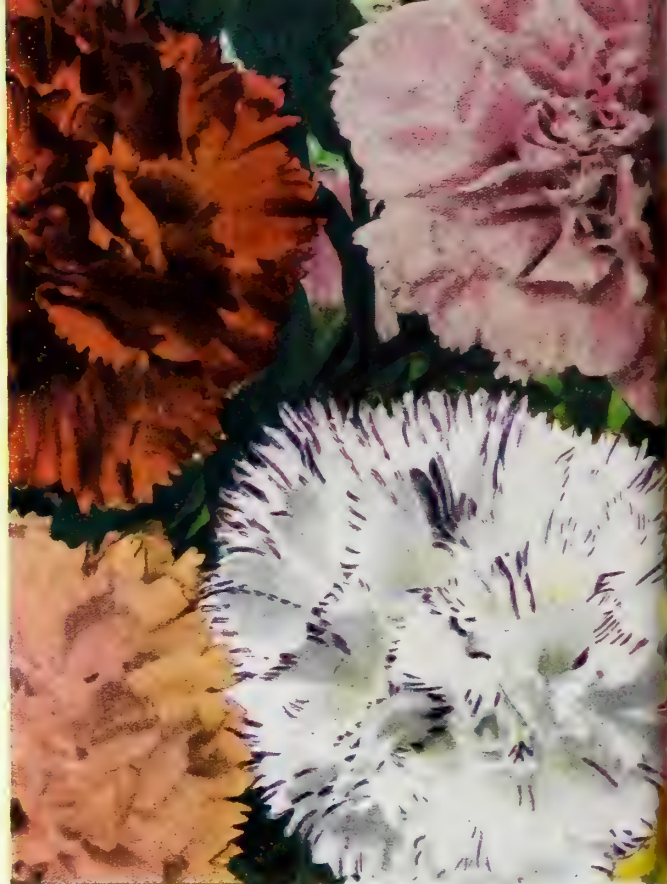


HENDERSON'S ROYAL ANTIRRHINUM (A) (Snapdragon)

See description page 69

- | | | |
|---------------------------|-------------------------|------------------------|
| 1138 Giant Yellow No. 1. | 1124 Alaska No. 2. | 1132 Loveliness No. 3. |
| 1128 Crimson Giant No. 4. | 1126 Copper King No. 5. | 1134 Royalty No. 6. |
| 1140 Mixed colors. | | |

Price, Per 1000 seeds, 75c; per packet, 25c.
1141 Collection of 6 varieties \$1.00



Carnation (A) Chabaud's Giant Flowering

See description page 71

- | | | |
|---------------|------------|-------------|
| 1732 Dark Red | 1735 Pink | 1738 Yellow |
| 1733 Flesh | 1737 White | |

Price of the above, per 500 seeds, 50c; pkt., 25c

- | | |
|---|-------------------------------|
| 1741 Collection of 5 varieties..... | 1 packet each, \$1.00 |
| 1740 Chabaud's Fancy. Mixed Colors..... | Per 500 seeds, 50c; pkt., 25c |

Centaurea Imperialis (A) Imperial Sweet Sultan

See description page 72

- | | |
|---------------------------------|------------------------------------|
| 1838 Chameleon. Bright yellow. | 1846 Margaritae. Satiny-white. |
| 1842 Favorita. Brilliant, rose. | 1848 Splendens. Rich, dark purple. |
| 1844 Graziosa. Deep lilac. | 1850 Mixed Colors. |

Price of above, per 500 seeds, 35c; pkt., 15c

- | | |
|--|-----------|
| 1851 Collection of the above 5 separate varieties..... | Pkt., 50c |
|--|-----------|



**CENTAUREA
IMPERIALIS**

Henderson's Summer Flowering Collection of Daisies

4785 Special Offer: one packet each 8 varieties \$1.00

The offering of this collection was inspired by the interest manifested by the many thousands of enthusiastic people who saw the Henderson Daisy Hill (a section of which is shown below) exhibited by us at the 1940 International Flower Show at the Grand Central Palace, New York.

Daisies are among the most appealing of all flowers. They produce flowers in the greatest profusion over a long period of time. They require no pampering; they thrive on all soils, and simply luxuriate on rich soil.

Their grace and gaiety adds much to the garden picture, and their fine wiry stems and keeping qualities make them ideal for cutting for table arrangements and other decorative work. Cultural directions are printed on the seed packets.

Key to
Color Plate

1
2
3
4
5
6
7
8

Ursinia Anethoides
Felicia Bergeriana
Acroclinium Large Hybrids
Chrysanthemum Annual Mixed
Leptosyne Stillmani
Dimorphotheca Ecklonis
Dimorphotheca Hybrida
Brachycome Iberidifolia

Jewel Daisy
Kingfisher Daisy
Everlasting Daisy
Painted Daisy
Yellow Daisy
White African Daisy
Mixed African Daisy
Swan River Daisy

See
Description
Page 93 Pkt. 25¢
" 75 " 25¢
" 67 " 10¢
" 72 " 15¢
" 79 " 15¢
" 75 " 15¢
" 75 " 10¢
" 70 " 10¢





Henderson's Glorious Collection of New and Improved Petunias

**3381 Special Offer: one packet each
of six varieties \$1.50**

Key to Nos.
on
Color Plate

**1 FLUFFY RUFFLES, A Modern Giant Single Fringed
Variety**

3375 This beautiful variety bears large flowers 3 to 4 inches in diameter, embracing many beautiful colors: crimson, pink, lavender, white, mottled, etc. Many of the flowers have yellow throats, while others are deeply lined and netted on a white, pink or lavender ground. The flowers are beautifully ruffled, frilled and fringed. **Mixed Colors.**

Price per 1000 seeds, \$1.00; pkt., 25c

2 GLOW, Hybrida Nana Compacta

3297 The dazzling carmine red of the flowers and the dwarf, bushy growth makes this Petunia an item of rare beauty. The flowers are borne in great profusion.

Price per 1000 seeds, \$1.00; pkt., 25c

3 FIRST LADY, Hybrida Nana Compacta

3296 Silver Medal, 1941 All-America Selections. This is the clearest of pinks—a distinctly new shade of light pink. The flowers measure 2½ inches across, and are borne in great profusion on the dwarf, bushy plants. The flowering season is particularly long.

Price per 1000 seeds, \$1.00; pkt., 25c

4 SILVER BLUE, Hybrida Nana Erecta

3309 One of the loveliest delicate blue Petunias in cultivation. The fine dwarf compact plants are covered all summer with the lovely light blue blossoms.

Price per 1000 seeds, \$1.00; pkt., 25c

5 CREAM STAR, Hybrida Nana Compacta

3293 A beautiful variety, producing star-shaped flowers of soft creamy white. Extremely free flowering. Fine, compact, bushy habit.

Price per 1000 seeds, \$1.00; pkt., 25c

**6 NEW PETUNIA GLAMOUR (Shown in colors on page 57)
Awarded Honorable Mention by 1942 All-America Committee**

3341 This is one of the loveliest Petunias we have ever grown. The flowers range from four to five inches across, they are artistically waved and ruffled, and the color is a beautiful salmon rose with golden brown veining on the white throat; brilliant in the garden and glorious under artificial light. It is continuously in bloom and is the object of much admiration wherever grown. The plant attains a height of from 15 to 18 inches.

Price per 1000 seeds, \$1.50; pkt., 50c

See
Page
83

Henderson's Famous Asters (A)

Vitalized Strains of Regal Splendor

With these new vitalized strains the old time popularity of the China Asters is being revived particularly in view of the fact that the modern improved strains are far superior to the old types. Asters of such beauty and size as were not dreamed of a decade ago, are now being grown by lovers of these graceful and colorful flowers throughout the country.

GIANT SUNSHINE

The Daintiest and Most Graceful Aster Grown:
an Ideal Cut Flower

There is no doubt that the Sunshine Aster is a distinct acquisition to floriculture.

The colors are surprisingly beautiful, chiefly because of the strongly contrasting, disc-like centers with the surrounding area of petals.

The ensemble presents an airy, lace-like effect different to any other Aster. The flowers average 3 to 4 inches in diameter.

1455 Mixed Colors. This mixture contains a lovely range of harmonious colors which cannot be surpassed for Summer cut flowers.
1,000 seeds, 75c; Pkt. 25c

GIANTS OF CALIFORNIA

A Majestic Recurved Aster of Perfect Form.
Vigorous Growth, Fine Stems

We take pleasure in recommending this truly grand Aster as being the best in its class ever offered to garden lovers. It is a combination of the well-known Comet or Ostrich Plume type of flower, with long-branching stems and sturdy habit of growth.

Careful selection has perfected the type and we recommend them strongly both for cutting and bedding.

1330 Mixed Colors. A superb mixture of majestic long-stemmed flowers in every color found in Asters.....1,000 seeds, 75c; Pkt. 15c

1325 Light Blue, 1325A Crimson, 1326A Pure Pink,
1327 Dark Purple, 1328 Deep Rose, 1329 White
Price of above, Pkt. 25c; Per 1,000 seeds, 75c.

1331 Collection, one packet each of the above separate six colors.....\$1.00

New Yellow Aster

AURORA GOLDEN SHEAF (Wilt-Resistant)

1221 The deepest colored yellow Aster yet offered. The flowers are fully double, with an attractive crestlike center.....Pkt. 15c

Popular Red Aster

HEART OF FRANCE (Wilt-Resistant)

1306 The best pure red ever introduced. Heart of France opens red as the purest ruby and retains its beauty to the very end. The stems are long and strong and have a few laterals. The branching plants bloom early in the season and open with the midseason varieties.....Pkt. 15c





Henderson's Invincible Asters
A Revelation in Size, Color and Beauty

1361 Collection of Six Colors (see opposite) \$1.00

Henderson's Famous Asters (A)

Unequaled for Perfection of Flowers and Vigor of Plants

Just when summer is beginning to merge into autumn and the floral bloom in the garden is diminishing, along comes the queenly Annual China Aster to make up the deficiency and renew the attractiveness of the garden.

WILT-RESISTANT ASTER SEED—Through the use of wilt-resistant seed, success may be had where the soil is infected with wilt fungus, where it has been impossible to grow perfect flowering plants. It is not claimed, however, to be free from Aster "yellows" and other Aster diseases or insect pests.

Invincible (Wilt-Resistant) See opposite

"Royally Grand Prize Winners" Largest and Most Beautiful.

1361 Collection of Henderson's Invincible Asters. 1 packet each of the six separate colors \$1.00

A superior race in every way. The plants are wilt resistant of very robust, branching growth, about 2 feet or more high, producing, on long stems, massive Chrysanthemum-like flowers of perfect form, exceedingly double to the very center. The petals are thick, durable, and the flowers last long in perfection. They are continuous bloomers from summer until frost. When grown in masses in garden borders, or grouped in beds, their effect is gay and enlivening. When well grown the flowers average 3½ inches across; 4-inch flowers are quite common and if grown for cut flowers, the side branches pruned, allowing a plant to carry not over 8 flowers, one flower to a stem, they may measure up to 5 inches across.

1360 Mixed Colors. A superb blend in a harmonious range of colors. Per 1000 seeds, 60c; pkt., 20c

1342 Carmine-rose. Rosy-carmine. **1354 Pearl-pink.** Shell pink.
1344 Crimson-brilliant. Bright red. **1356 Violet-purple.** Velvety purple.
1352 Lavender. Silvery-lavender. **1358 Pure White.** Snow white.
 Price of above, per 1000 seeds, 75c; pkt., 20c

"QUEEN OF THE EARLIES" (Wilt-Resistant)

(Queen of the Market.) Valuable on account of their extreme earliness for cutting; plants 18 inches high; medium-sized double flowers on long stems.

1398 Crimson **1406 Rose-pink**
1402 Dark Blue **1408 White**
1404 Lavender **1410 Mixed Colors**

Price of above, per 1000 seeds, 50c; pkt., 10c

1411 Collection of above five separate colors.....40c

SEMPL'S LONG-STEMMED (Wilt-Resistant)

Flowers are large, very double and borne on long stems. They begin blooming about the first of September. Plants are strong growers, 1½ to 2 feet high.

1438 Crimson **1446 Purple**
1442 Lavender **1448 White**
1444 Shell-pink **1450 Mixed Colors**

Price of above, per 1000 seeds, 50c; pkt., 10c

1451 Collection, one packet each of above five separate colors.....40c

VICTORY GIANTS

1220 Similar to California Giants in huge size and luxurious long petalage. They make a delightful light-colored mixture, with no reds, but with salmon-pinks, lavenders, blues and whites predominating. Stems are strong and straight and growth is vigorous. Highly prized for their earliness. Crown flowers 5 inches across, plants are sturdy and grow 3 feet tall.Pkt., 25c

LARGE-FLOWERING HARDY (Perennial)

These "Michaelmas Daisies" form large, bushy clumps, 1¼ to 2 feet high, covered with clusters of large, single flowers during late summer months.

1470 Mixed Colors. New, large-flowering hybrids. Pkt., 25c

Giant Comet (Wilt-Resistant)

ALSO KNOWN AS ASTERMUM, CREGO AND OSTRICH PLUME

1281 Collection. One packet each of the seven separate colors50c

These truly grand Asters win enthusiastic admiration from all who see them. They are a highly developed American type and are far superior to imported strains. The flowers are of immense size, 4 to 5 and often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double, half globes, equaling some of the finer Ostrich Plume Chrysanthemums. The plants, of luxuriant branching growth, attain a height of 18 inches to 2 feet, each plant bearing from 20 to 30 of these magnificent flowers on very long stems, which gives them an added value for cutting and vasing.

1280 Mixed Colors. Massive shaggy flowers in a most artistic combination of colors Per 1000 seeds, 50c; pkt., 10c

1264 Azure-blue	1274 Shell-pink
1266 Crimson	1276 Violet-purple
1268 Light blue	1278 White
1272 Light rose	

Price of above, per 1000 seeds, 60c; pkt., 10c



Every Purpose Flower Seed Selector

The Flower Seeds in this catalog are listed in alphabetical order. See also index pages 151 and 152.

Annuals

For Backgrounds and Borders

Amaranthus
Celosia Plumosa
Centaurea
Cleome
Cosmos
Euphorbia
Hibiscus
Hollyhock
Larkspur (Branching)
Lavatera
Lupinus
Lychnis
Marigold
Nicotiana
Poppy (Tall)
Rhinus
Salpiglossis
Salvia
Sunflower
Tithonia
Zinnia

For Beds and Massing

African Daisy
Ageratum
Alyssum
Antirrhinum
Arctotis
Arnebia
Aster
Balsam
Bartonia
Begonia, Fibrous
Calendula
Calliopsis
Candytuft
Carnation
Celosia
Chrysanthemum
Convolvulus Minor
Cosmos
Cynoglossum
Dahlia
Dianthus (Annual)
Didiscus
Eschscholtzia
Gaillardia
Geranium
Godetia
Helichrysum
Heliotrope
Kochia
Lantana
Linaria
Lobelia (Compacta)
Marigold
Marvel of Peru
Matricaria
Mignonette
Myosotis
Nasturtium (Dwarf)
Nemesia
Nemophila
Nierembergia
Nigella
Oenothera
Pansy
Pentstemon
Petunia
Phlox Drummondii
Poppy
Portulaca
Salvia Splendens
Scabiosa
Schizanthus
Stocks
Venidium
Ursinia
Verbena
Vinca
Wallflower
Zinnia

For Edging

Ageratum (Dwarf)
Alyssum Compacta
Begonia
Centaurea
Candidissima
Globe Amaranth
Lobelia Compacta
Marigold (Dwarf)
Petunia
Phlox
Pinks (Hardy)
Portulaca
Pyrethrum Aureum
Zinnia, Lilliput

For Rock Garden

Mid-Summer Color

Ageratum
Alyssum
Antirrhinum
(Rock varieties)
Calliopsis
Convolvulus Minor
Dianthus
Eschscholtzia
Lobelia
Mesembryanthemum
Nasturtium Trailing
Petunias
Phlox
Portulaca
Tagetes
Verbenas

Drooping Plants

For Hanging Baskets, Veranda Boxes

Alyssum
Asparagus Sprengeri
Candytuft
Centaurea White
leaved
Nasturtium
(Trailing)
Petunia Balcony

Tall Climbing Annuals

For Arbors, Verandas, etc.

Balloon Vine
Canary Bird Vine
Cobaea
Convolvulus
Dolichos
Gourds
Ipomaea
Mina
Momordica
Moon Flower
Morning Glory
Nasturtium (Tall)

Low Climbing Annuals

For Fences, Low Trellises, etc.

Cypress Vine
Sweet Pea
Thunbergia

Perennials

For Permanent Beds and Borders Taller Sorts

Aster
Anemone
Anthemis
Aquilegia
Campanula
Canterbury Bells
Chrysanthemum
Coreopsis
Delphinium
Digitalis
Erigeron
Gaillardia
Geum
Gypsophila
Hibiscus
Hollyhock
Liatris
Lobelia (Hardy)
Lupinus (Hardy)
Lychnis
Pansy
Pentstemon
Physostegia
Platycodon
Poppy (Hardy)
Pyrethrum (Hardy)
Rocket (Sweet)
Scabiosa Caucasica
Tritoma
Wallflower

Dwarfer Sorts

Achillea
Alyssum (Hardy)
Petunia
Anemone
Candytuft (Hardy)
Carnation
Cerastium
Cheiranthus
Dianthus (Hardy)
Heuchera

For Rock Garden

Agrostemma
Alyssum Saxatile
Anchusa
Anemone
Arabis Alpina
Aster Alpinus
Aubretia
Campanula
Candytuft Semper-virens
Cerastium
Delphinium Chinensis
Geum, Mrs. Bradshaw
Heuchera
Myosotis

Perennial Climbers

Ampelopsis Veitchi
Clematis
Lathyrus

Fragrant Flowers

Alyssum
Candytuft
Carnation
Clematis Paniculata
Cleome
Dianthus (Hardy)
Geranium
Heliotrope
Mignonette
Nicotiana Affinis
Scabiosa
Stocks
Sweet Pea
Sweet Rocket
Sweet Sultan
Sweet William
Violet
Wallflower

Plants Succeeding in Partial Shade

Anemone
Antirrhinum
Aquilegia
Canterbury Bells
Coreopsis
Delphinium
Digitalis
Godetia
Lobelia
Matricaria
Myosotis
Nemophila
Oenothera
Pansy
Poppy (Hardy)
Schizanthus
Viola

Long-Stemmed Flowers

Notably Suitable for Cutting

Aquilegia
Arctotis
Aster
Calliopsis
Carnation
Centaurea
Chrysanthemum
Clarkia
Coreopsis
Cosmos
Dahlia
Delphinium
Dianthus
Gaillardia
Gerbera
Gypsophila
Gladiolus
Larkspur
Lobelia (Hardy)
Marigold
Mignonette
Pentstemon
Poppy
Salpiglossis
Scabiosa
Snapdragon
Statice
Stevia
Stocks
Sunflower (Cut and
Come Again)
Sweet Pea
Sweet Sultan
Zinnia

Everlasting or Straw Flower

For Winter Bouquets

Acroclinium
Globe Amaranth
Helichrysum
Honesty
Physalis
Rhodanthe
Statice

Colored Foliage Plants

Amaranthus
Centaurea
Euphorbia
Gymnocarpa
Kochia
Pyrethrum Aureum
Rhinus
Snow on Mountain

Plants for Conservatory

see page 95

ANNUAL FLOWER SEEDS

These complete the cycle of their existence, growing from seed to seed in one year. Many sorts require to be sown in some sheltered situation such as a greenhouse, cold frame, or window box about a month before they may be planted outdoors. This is necessary not only on account of their tenderness, but also because they need more time for development, and by sowing thus early the growing season is proportionately prolonged. Others may be sown where they are to stand, in which case they require careful attention for the first few weeks.

While there is no class of plants that will survive better under rigorous conditions, yet in order to achieve the best results they should be planted where they can obtain ample sunlight, may be easily watered, and, in case of early frost, may be quickly protected.

A continuity of bloom may be secured by occasional sowings of many sorts. In the latitude of New York these sowings may be made as late as June 15th.

Biennial Flower Seeds—These grow from seed the first year, then flower and die the following year. Some are grown as annuals.

PERENNIAL FLOWER SEEDS

The great charm of Perennials lies in their permanence. Once established, they are a constant source of pleasure, and among the most interesting plants in our gardens, presenting a variety of size, form and color so great as to fit them for almost every conceivable purpose in the garden. Some may be made to thrive under most unkind conditions, while others require skilful cultivation.

A very large proportion of the Perennial plants that may be grown from seed have great value as cut flowers, particularly so because of their great substance, which enables them to stand up well long after cutting.

Notwithstanding their individual charm, they are most effective when planted in a mixed border, where by arranging them according to height, color and season of flowering, an attractive display may be had from the earliest days of spring all through the summer, and even after the first frosts herald the approach of winter.

Perennials are generally raised from seed sown from early spring to about August 1st, in the latitude of New York.

Treated thus, they make strong plants which may be planted in a permanent situation early enough in the fall to winter safely.

Cultural instructions are printed on the back of all packets. When ordering ask for booklet "Henderson's Flowers for American Gardens" for full details

Henderson's Tested Flower Seeds for American Gardens

Comprising the outstanding offerings of the World's Leading Flower Breeders, as well as those of Our Own Origination. All flower seeds offered have merited a place in this catalog after they proved their worth as desirable subjects for American Gardens at our Testing Grounds at Red Bank, N. J.

Suitable material can be found here for practically all types of gardens, as well as special strains of flowers for the competitive grower. Henderson's strains are always in evidence in the Blue Ribbon class wherever flowers are exhibited.

They are arranged in alphabetical order for your convenience. Explanation of the letters following the various species of flower seeds:

(A) Annual (P) Perennial (CA) Climbing Annual (CP) Climbing Perennial (B) Biennial (TP) Tender Perennial

ACROCLINIUM

Everlasting Daisy (A)

1024 Sensation Giants. The garden cut flower par excellence—this new strain produces flowers half again larger than any existing strain, and grows 6 to 8 inches taller. Each flower is full double and will average a good 3 inches across. Its colors range from medium rose to light pink shades. Picked in the bud and hung up to dry, they will last indefinitely.

Per 1000 seeds, 75c; pkt., 25c

1022 Double Hybrids. See page 80. Fine flowers on 12 to 18-inch stems, which are borne freely over a long flowering period. The range of color is most remarkable, being shades of salmon, pink, cerise and white. Mixed colors.

Per 1000 seeds, 50c; pkt., 10c

AGERATUM, Floss Flower (A)

Flower freely all season from spring-sown seed. Splendid for bedding, edgings or pots. Combines well with Tagetes or French Marigolds for blue and gold effects.

1032 Little Dorrit Blue. Height, 5 to 6 inches.

Per 1000 seeds, 25c; pkt., 10c

1034 Little Dorrit White. Height, 5 to 6 inches.

Per 1000 seeds, 25c; pkt., 10c

1035A Fairy Pink. A most valuable, deep rose-colored variety from Mexico. It belongs to the Star type, and is valuable for pot-culture, as well as for growing outdoors.

Per 1000 seeds, \$1.00; pkt., 25c

1036 Blue Perfection. Large heads of deep amethyst-blue flowers; plant very even in growth; about 8 inches high.

Per 1000 seeds, 25c; pkt., 10c

1037 Dwarf Blue Cap. Flowers, large and compact, rich blue. The foliage is small, so the effect is that of a solid mass of flowers; height, 6 inches.

Per 1000 seeds, 60c; pkt., 15c

1038 Blue Star. A tiny and compact variety, only 4 to 5 inches high densely covered with light blue flowers.

Per 1000 seeds, 60c; pkt., 15c

1042 Midget Blue. The dainty little plants grow 2 to 3 inches high, and they are smothered with true blue flowers. The foliage is appropriately fine and exquisitely delicate. The plants are uniformly dwarf and true to color. Ageratum Midget Blue won a silver medal in the All-American Trials.

Per 1000 seeds, \$1.00; pkt., 25c

Alyssum, Sweet (A)

There are few annual flowers that can compare with the Alyssum, for the many uses it may be put to. When used for borders or edging, it makes a gay ribbon of flowers that are always attractive. It requires a minimum amount of attention. It begins flowering in from six to eight weeks after sowing.

1052 "Carpet of Snow." (A. *Compacta Procumbens*.) This new variety is pure white and grows only 2 to 3 inches high and flowers profusely; in fact, it is a perfect carpet of snow all season. We have counted as many as 300 heads of pure white flowers open on one plant at one time. For edging and bedding this is a very satisfactory little annual.

Per oz., \$1.00; per 1/2 oz., 60c; pkt., 10c

1053 Violet Queen. The flowers of this variety have a character peculiarly their own, being of a very pretty violet tint. The little bushes are completely covered with honey-like scented flowers, and they are just as free flowering and enduring as the familiar white varieties. At our trial grounds we have counted as many as two hundred flowers on a plant at one time.

Per 1/2 oz., \$1.25; per 1/4 oz., 75c

1054 Maritimum. The well-known Sweet Alyssum; white flowers borne profusely; height, 3/4 foot.

Per oz., 40c; 1/2 oz., 25c; pkt., 10c

1056 Tom Thumb or Little Gem. (A. *Benthami Compactum Erectum*.) One of the finest for edgings and low beds; height, 1/2 foot.

Per oz., 75c; per 1/2 oz., 50c; pkt., 10c

1057 Saxatile Compacta. (P) A dwarf perennial Alyssum for rock gardens or edging a flower border. Popularly known as "The Basket of Gold." The deep yellow flowers are produced in large clusters, blooms in May and June; height, 3/4 foot.

Per 1/4 oz., 50c; pkt., 15c

AMARANTHUS (A)

These robust annuals, including "Love-Lies-Bleeding," "Joseph's Coat," etc., attain heights of from 1 1/2 to 6 feet; are very showy garden plants.

1076 Molten Fire. The brilliant Oriental-red foliage of this symmetrical plant gives it a charm and exotic beauty not possessed by any other garden annual. The Amaranthus grows to perfection in hot dry locations where few other plants do well. Molten Fire develops into a fine shaped rounded plant about three feet in height. Its lower foliage is bronzy-red and the tops are intense scarlet, vying in brilliance with the finest greenhouse grown Poinsettias. It is ideal for producing accents in the garden or for planting in masses where a startling effect is desired. Best results are obtained in soil that has not been over fertilized.

Per 1000 seeds, 75c; pkt., 25c

1078A Tricolor Splendens, Joseph's Coat. Named "Fire Amaranth" from its very brilliant coloring; the foliage is of a bright carmine with variegations of golden yellow, blood-red and dark green. A fine plant for ornamental gardening; also splendid for pot culture. Height, 3 feet.

Per 1000 seeds, 25c; pkt., 10c

AGROSTEMMA, CORONARIA (P)

1045 Rose Champion. Perennial growing 2 feet high, suitable for rock gardens and borders. Colors are crimson and white, with a rosy eye. The foliage is silvery-white. They bloom abundantly. Mixed colors.

Per 1000 seeds, 25c; pkt., 15c

AMPELOPSIS, Boston Ivy (P)

1082 Veitchii. A valuable climber. Entirely hardy in the most exposed places, often attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick, or woodwork, with the greatest tenacity. It is a great protection to walls, etc., as the leaves, lapping over each other, shed rain. In the summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of autumn.

Per oz., 75c; pkt., 15c



ACROCLINIUM SENSATION



AGERATUM
BLUE PERFECTION



ALYSSUM
CARPET OF SNOW

Antirrhinum

SNAPDRAGON (A)

The modern varieties of Snapdragon are most beautiful. The individual florets are much larger than the older types and the colors are superb. The Giant Strain is an ideal subject for border planting, and combines well with Delphinium, Annual Larkspur, or Stocks. The Dwarf Type is excellent for bedding purposes. They are all exceptionally fine for cutting.

Henderson's ROYAL Collection OF NEW RUST PROOF Giant Flowering Antirrhinum

(*Antirrhinum Maximum Grandiflorum*)

Shown in Colors on Page 60

With these new rust proof strains that were developed at the University of California, successful results may be enjoyed, where ordinary snapdragons have failed. The flowers average about twice the size of those previously offered, and under favorable conditions will produce well set spikes of flowers two to three feet long.

Although perennials in the South, they do splendidly when grown as annuals in the North; spring sown seed produces flowering plants by July, which continue to bloom in increasing profusion until frost. They are magnificent for flower arrangements.

1140 Mixed Colors. A symphony of tonal beauty. This mixture contains many colors not found in named varieties. Price per 1000 seeds, 75c; pkt., 25c

- | | |
|------------------------------|---------------------------------|
| 1124 Alaska. Pure white. | 1132 Loveliness. Rose pink. |
| 1126 Copper King. Copper. | 1138 Yellow Giant. Deep yellow. |
| 1128 Crimson Giant. Crimson. | |

Price of the above, per 1000 seeds, 75c; pkt., 25c

1141 Collection, one packet each of the five separate colors, \$1.00

DWARF HYACINTH FLOWERED (Rust Proof)

Antirrhinums have been more rapidly improved than any other garden flower, and are grown everywhere. The Hyacinth flowered are a great improvement over the ordinary dwarf sorts. The great size and perfect form of the individual bloom combined with ideal symmetry of the spike are its main characteristics. A beautiful variety for beds or borders; height, 1 foot. Seed is sown in the open ground in May to flower in July, but a better way is to start seeds indoors in March and transplant outdoors when ready.

- | | |
|---|---|
| 1103 Advance. Orange-scarlet, white throat. | 1108 Melody. Salmon pink lemon center. |
| 1104 Charm. Rich, glowing rose. | 1109 Firelight. Scarlet and orange. |
| 1105 Empress. Velvety crimson. | 1115 Nelrose Improved. Coral pink. |
| 1106 Golden Monarch. Golden-yellow. | 1116 Philadelphia Pink. An exquisite shade. |
| 1107 Madonna. Pure white. | 1110 Mixed Colors. |

Price of the above, per 1000 seeds, 75c; pkt., 15c

1111 Collection of 9 varieties named above, \$1.00

FORCING VARIETIES, Special Greenhouse

We recommend these sorts for forcing under glass.

- | | |
|---|---|
| 1095 Ceylon Court. Canary yellow. | 1102C Daybreak. Large flowering pink. |
| 1096 Winter Helen. Delicate salmon. | 1102E Glorious. Bronzy scarlet. |
| 1097 Jennie Schneider. Salmon-pink. | 1102F Lucky Strike. Large flowering white. |
| 1102A Cheviot Maid Supreme. Fine deep rose. | 1102G Naomi. Rose pink. |
| 1102B Coates Yellow. Deep Yellow. | 1102H Terry's Surprise. Pink and bronze shades. |

Price of the above, per 1000 seeds, \$1.50; pkt., 25c



A Specimen Spike of
ANTIRRHINUM ALASKA

This and the other varieties of Giant Rust Proof Snapdragons listed above are one of our most popular summer flowering garden annuals.



A bed of Snapdragon presents a colorful and pleasing display throughout the entire summer.



Anchusa (P)

1087 Italica "Dropmore" variety. A fine, large, hardy, herbaceous plant, 4 to 5 feet high. The lovely gentian blue flowers are produced in long, loose sprays. Invaluable for the hardy border, as it blooms all season.

Per 500 seeds, 50c; pkt., 15c

1088 Myosotidiflora. A beautiful hardy variety from Siberia, bearing a profusion of light blue flowers resembling the Forget-Me-Not; blooms in April and May; splendid for rock gardens. Height, 2 feet.

Per 500 seeds, \$1.50; pkt., 25c

1089A "Blue Bird." The annual *Anchusa* grows about 18 inches high, is of compact habit, and bears its flowers in a luxuriant bouquet at the top of the plant. The latter are of a vivid indigo blue. Shown in colors, page 77.

Per 500 seeds, 50c; pkt., 15c

ANEMONE (P)

1092 St. Brigid. Produces in abundance large, single, semi-double and double flowers 2 to 3 inches across, in colors varying from maroon and brightest scarlet to flesh-pink and from lilac to purple. Some are mottled, striped, ringed, etc. For cutting they are unsurpassed. Plants must be well protected during the winter months. Seed may be sown in June or July for plants to bloom in the succeeding year.

Per 500 seeds, 60c; pkt., 25c

ANTHEMIS, Marguerite (P)

1093 Kelwayi. Yellow, daisy-like flowers, blooming all summer. Height, 2 feet.

Per 1000 seeds, 40c; pkt., 15c

Aquilegia COLUMBINE (P)

These hardy perennial plants bloom at a time when there is a short lapse of bloom in the gardens immediately after the spring bulbs are through flowering and before the perennials have begun.

1150 Henderson's American Hybrids. The flower stems, often 40 inches in height, carry magnificent clusters of immense, long-spurred, single flowers, lasting a long time. The colors include rich shades, as well as new and delicate tints, pure white, blue and white, pure yellow, pink with yellow corolla, red with orange corolla, etc. **Mixed Colors.**

Per 1000 seeds, \$1.00; pkt., 25c

1153 Chrysantha. The beautiful, long-spurred yellow variety. Per 1000 seeds, 50c; pkt., 15c

1157 Coerulea Hybrida. Long-spurred flowers of white and blue. Per 1000 seeds, \$1.00; pkt., 25c

1170 Single, Large Flowering, Mixed Colors. Per 1000 seeds, 50c; pkt., 10c

ARABIS Rock Cress (P)

1173 Alpina. A fine, dwarf, hardy perennial, largely used for rock gardens. Flowers, pure white, blooming early in the spring.

Per 1000 seeds, 75c; pkt., 25c

ARMERIA, Thrift, Sea Pink (P)

Compact plants with moss-like foliage, flowers borne on globe-like heads.

1190 Formosa. Rose flowers; height, 1½ ft. Per 1000 seeds, 75c; pkt., 15c

Begonia
Christmas
Cheer



Arctotis, Blue Eye Daisy (A)

See I page 59

1175 Grandis. Pearly white flowers on long stems well above the foliage. The petals are white on the upper surface and pale lilac on reverse, and in the center of the flower is a light blue disc surrounded with white stamens and a narrow golden band, which contrast beautifully with the blue disc and the stamens. Very good for cutting. Height about 2 feet.

Per 1000 seeds, 35c; pkt., 10c

ARGEMONE, Prickly Poppy (A)

1182 Hybrida Grandiflora. These new "Prickly Poppies" form branching plants about 3 feet high and 18 inches across. The large, single, Poppy-like flowers are white, cream, primrose and yellow, borne freely all summer long. The thistle-like foliage is of a grayish-green with silvery ribs.

Per 500 seeds, 25c; pkt., 10c

ASPARAGUS, Ornamental (TP)

1202 Plumosus Nanus. Greenhouse climber with Fern-like foliage. Per 100 seeds, 50c; pkt., 25c

1205 Sprengeri. Decorative perennial for pots, vases, etc.; drooping chenille-like fronds 4 feet long.

Per 100 seeds, 25c; pkt., 10c

Balsam Lady Slipper (A)

These are the most perfect in form and largest flowers yet developed in this old garden favorite; height, 1½ to 2 feet.

1490 Goliath. Mixed colors. A new type of robust growth, throwing up a main stem 4 feet high, the lower half of which carries several candelabra-like side branches, all bearing large double flowers

1500 Extra Choice, Double Mixed. Containing many colors, spotted, blotched, striped, etc. Price of above, per 500 seeds, 25c; pkt., 10c

BALLOON VINE (A)

1486 Rapid climber, 10 to 15 feet, white flowers followed by balloon-like pods.

Per oz., 35c; pkt., 10c

BAPTISIA, False Indigo (P)

1504 Australis. Forms bushes 3 to 4 feet high, dark green foliage, spikes of dark blue pea shaped flowers, blooms in July.

Per 1000 seeds, 50c; pkt., 15c

BARTONIA, Golden (A)

1506 Aurea. It produces large single golden-yellow flowers with a metallic lustre. A large cluster of yellow stamens adds to the effectiveness of the blossoms. They measure 3 inches across, and are borne all summer long, on bushy plants about 1 foot high.

Per 500 seeds, 25c; pkt., 10c

Begonia, Everblooming

Fibrous-Rooted Varieties (TP)

Thriving equally well in partially shaded or sunny locations, flowering through summer and fall. As pot plants for winter flowering they are also superb; easily grown from seed sown early indoors.

1511 Erfordia. Rosy-carmine flowers, free bloomer.

Price per 1000 seeds, \$1.50; pkt., 25c

1512A Christmas Cheer. Bright crimson scarlet, a fine sort for pot culture.

Price per 1000 seeds, \$1.50; pkt., 25c

1512 Luminosa. Bright scarlet blossoms, height 10 inches.

Price per 1000 seeds, \$1.50; pkt., 25c

1515 Ile de France. Considered the finest pure white variety with yellow stamens, foliage light green, flowers 1¼ in. across, height 1 foot.

Price per 1000 seeds, \$1.50; pkt., 25c

1516 Prima Donna. Splendid bushy plants, 10 inches high by 12 inches across. The flowers are unusually large, 1 to 1¼ inches in diameter, and of charming rose color shading to carmine in center.

Price per 1000 seeds, \$1.50; pkt., 25c

1518 Vernon. Fine bedding and pot plant, 6 inches high; blood-red flowers in profusion.

Price per 1000 seeds, \$1.50; pkt., 25c



ANEMONE ST. BRIGID



DOUBLE BALSAM



AQUILEGIA or Columbine

Calendula

SCOTCH MARIGOLD (A)

Calendulas are bushy plants 1 foot high by 1 foot in diameter, and are literally covered with large showy double flowers. Our seed has been saved from most perfect flowers in shape, size, depth and color.

1588 Campfire. (Sensation) Brilliant orange flowers.

1589 Chrysanthia Sunshine. The petals are long and wide, drooping in the same manner as some Chrysanthemums, giving the large double flowers a globular outline. The color is a clear buttercup yellow and it is an ideal cutting flower.

1590 Chrysanthia Orange Sunshine. (See Color Plate, page 59.)

1592 Lemon King. Large, double flowers of lemon-yellow.

1594 Meteor. Bright yellow, striped orange through the center of each petal.

1596 Orange King. Large, double flowers of intense golden-orange.

1597 Orange Shaggy. This is a very distinct new break in Calendulas. The petals are long and deeply fringed or laciniated. The color is a deep orange shading to slightly lighter orange in the center of the bloom, giving the flower a delightful two-tone effect. Well grown has long stems, plants about 18 inches high.

1598 Radio. This is a recent introduction from Europe. The true Radio form is a medium sized orange flower with quilled or comet petals curled and twisted.

Price of above, per 1/4 oz., 40c; pkt., 10c

1597A YELLOW SHAGGY

Yellow Shaggy has the deepest flower heads of all Calendulas. Flowers are so deep that they are globular, or ball-shaped, 3 in. across. The petals are quilled and deeply cut on the ends, giving the flowers a very shaggy and artistic appearance.

The color of the flowers is a bright clear yellow with a lighter yellow center, which is nearly covered by the mass of petals. Flowers are borne on very long stems and their form makes them excellent keepers. Plants grow 1 1/2 ft. tall and are valuable for beds, borders and cutting.

Price per 1/4 oz., 50c; pkt., 15c

BRACHYCOME, Swan River Daisy (A)

(Shown in Colors on Page 61)

1560 Iberidifolia is a compact bush, 8 inches high; single, blue or white flowers. It is very suitable for beds or borders, as it blooms most of the summer. As a pretty pot plant for the house it is very desirable. **Mixed Colors.**

Per 1000 seeds, 35c; pkt., 10c

CALCEOLARIA (TP)

1580 Large-flowering Spotted Varieties, Mixed. Gorgeous plants for growing in green-house and conservatory. The flowers are borne in the greatest profusion through spring and summer; colors, yellow, maroon, white, etc., spotted and blotched in the most unique fashion; 1 1/2 feet Pkt., 50c



CALENDULA
YELLOW SHAGGY

Calliopsis

LARGE-FLOWERING (A)

One of the showiest garden annuals. These new large-flowering sorts are great improvements; the plants form little bushes about 10 inches high by 1 foot across and are a perfect mass of bloom from early summer until frost. The flowers average nearly 2 inches across, and range through yellow, golden and crimson, usually with a garnet eye.

1603 Semi-Double Gold Crest. The color is rich golden yellow with a reddish brown zone and comes with a double row of mammoth petals. The stems are long, ideal for cutting.

1604 Golden King. Large golden blossoms, with dark eyes.

1605 Golden Crown. Plants about 2 feet in height. The flowers are large and of perfect symmetrical form. The color, rich golden yellow, with a shining maroon central zone.

1606 Drummondii or "Golden Wave." Compact, bushy plants, covered with golden blossoms 2 inches across, with small dark center.

1610 King, Mixed Colors.

Price of above, per 1/4 oz., 25c; pkt., 10c

Campanula

CANTERBURY BELLS or Bell-Flowers

No hardy garden or perennial border is complete without a representative group of Campanulas.

CALYCANTHEM, Cup and Saucer (B)

The "Cup and Saucer" varieties are biennials flowering the second year from seed, produce beautiful single flowers 3 inches in length, saucers 3 to 4 inches across. The plants form perfect pyramids of bloom for weeks during the early summer. (The seed should be sown every year for flowering the next year.)

1622 Blue

1628 White

1624 Rose

1630 Mixed

Price of above, per 1000 seeds, 50c; pkt., 15c

MEDIA, Canterbury Bells (B)

Very ornamental garden plants of easiest culture, flowering the second season from seed; hardy biennial (requiring to be sown every year for flowering the next year), 2 1/2 feet high, producing large, bell-shaped flowers of exquisite colors.

1662 Single Blue

1666 Single White

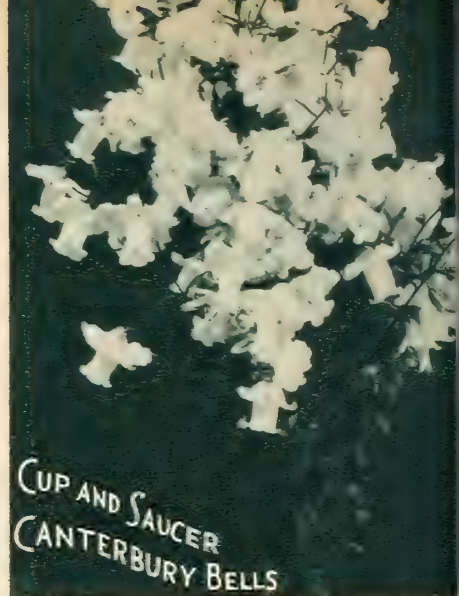
1664 Single Rose

1670 Single Mixed

Price of above, per 1000 seeds, 50c; pkt., 15c



CALLIOPSIS



CUP AND SAUCER
CANTERBURY BELLS

CAMPANULA

Persicaefolia grandiflora (P). (Peach leaved Bell-Flowers.) Remarkably handsome, hardy perennials, throwing up spikes 2 to 3 feet high, clothed during summer with large, bell-shaped blossoms of blue or white. Prized for both garden and pot culture.

1632 Blue

1634 White

1640 Pyramidalis (P). The favorite "Chimney Bell-Flower." It is a hardy perennial, producing spikes 4 to 5 feet high, encircled about half of their length with large bell-flowers of white or shades of blue. It thrives in any good soil and is very ornamental. **Mixed Colors.**

Price of above, per 1000 seeds, 75c; pkt., 25c

Lovely Annual Canterbury Bells

Many years of careful selection has produced an annual Canterbury Bell which blooms from seed in less than six months. The plant grows about two and a half feet tall, each plant having from six to eight spikes of blossoms.

1653A "Angelus Bell." A beautiful art shade of deep rose; one of the most attractive colors that we have ever seen.

1653B "Liberty Bell." An intense violet-blue in color.

1653C "Mission Bell." A new color in the annual section, it is a beautiful clear pink.

1653D "Wedding Bell." Pure white

1653 Mixed Colors.

Price of above, per 1000 seeds, 50c; pkt., 15c



ANNUAL
CANTERBURY BELLS

Henderson's Garden Guide & Record (Price, 50c or sent on request no charge with purchases amounting to \$4.00 or over), gives complete cultural instructions and suggested uses for all the flower seeds listed in this catalogue.



Carnation

CHABAUD'S GIANT FLOWERING (A)

(See Color Plate, Page 60)

These creations of a French "Carnationist" surpass all the race in richness and variety of coloring, and are surprisingly beautiful. Now we have varieties flowering continuously after six months from sowing. Plants upright, bearing double blossoms, all perfuming the air with their sweetness.

Seed should be sown in the spring in the greenhouse, hot-bed or light window of dwelling house, in shallow boxes (2 inches deep) of light soil, where the temperature will average 60 deg. When the seedlings are 2 inches high, plant them in the open ground, where they will form flowering clumps for the fall and winter.

1740 Chabaud's Fancy. Mixed Colors.

There is no other strain of Carnations grown from seed that can compare to these. Our mixture contains a fascinating array of delicate tints and rich colors..... Per 500 seeds, 60c; pkt., 25c

COLLECTION OF FIVE COLORS

1732 Dark Red 1735 Pink 1737 White
1733 Flesh 1738 Yellow

Price of the above, per 500 seeds, 75c
25c per packet

1741 Collection of 5 Varieties
1 packet, each \$1.00

MARGUERITE, Giant Flowering (A)

The flowers often measure 2 inches across and are usually very double. Most of them have lovely fringed petals and are delightfully fragrant. Seed sown in the spring will produce luxuriant plants that will be continuously full of bloom from August until killed by severe frosts, or seeds may be sown during the summer for the winter-flowering plants.

1750 Mixed Colors.
Per 500 seeds, 50c; pkt., 15c

HARDY GARDEN (P)

Seed sown in spring will produce large clumps that will stand out over winter and bloom the following summer and fall.

1756 Prof Malmgreen. A true brick red, Vienna Carnation, early and profuse flowering.

Per 500 seeds, \$1.00; pkt., 25c

Celosia (A)

Among the showiest of our annual garden flowers. They are very effective when massed in the foreground of shrubs or evergreens, also for background, planting in flower borders. The dwarf varieties are excellent for bedding.

CHILDSI, Chinese Wool Flower

1772 This unique type forms large globular heads like balls of wool chenille and of rich, bright red color. The plants, 2 to 3 feet in height, branch freely, each branch terminating with a flower-head. It continues in flower from early summer until frost.

Per 1000 seeds, 50c; pkt., 10c

ROYAL VELVET

1774 For cutting and garden use, this two-foot plant produces a large centre head and numerous large, long-stemmed cockscombs of a rich ruby red. Combs are borne erect and foliage is bronzy green with reddish margin. Very striking, flowers on symmetrical plants.

Per 1000 seeds, 75c; pkt., 25c

CRISTATA, Crested Cockscomb

Very popular annuals of easy culture, producing large, ornamental, comb-like heads, resembling ruffled chenille, they are prized for summer flower beds, and make fine pot plants. Height, 12 to 18 inches.

1776 Cardinal. Bright scarlet.

1778 Crimson King. Blood-red.

1782 Prince of Orange. Vivid gold-yellow.

1786 Wine-rose

1790 Mixed Colors.

Price of above, 1000 seeds, 60c; pkt., 10c

1792 PYRAMIDALIS "Flame of Fire." They grow 18 to 20 inches high, with perfect pyramidal form carrying a large blaze-like colored plume on the top. They are very branching and each branch bears a plume.

Per 1000 seeds, 75c; pkt., 15c

PLUMOSA or Plumed Cockscomb

A superior type of *Celosia Plumosa*, forming pyramidal branching plants, 3½ feet high, and bearing large, conical, pluming heads. The plants present a showy appearance in the summer garden, lasting in bloom until frost. They are also very handsome grown in pots.

1794 Crimson Plumed

1796 Golden Plumed

1800 Mixed Plumed. (Thompson's Magnifica.)

Price of above, per 1000 seeds, 50c; pkt., 10c

Candytuft

Annual Varieties

The plants are fairly covered with blossoms; great favorites for beds, edging, pots and borders, and of the easiest culture. They are double the size of the old varieties. Several new and exquisite shades and colors are included; they form bushy little plants only 4 to 6 inches high.

1688 Dwarf Hybrid, Large-flowering. White.
1690 Dwarf Hybrid, Large-flowering. Mixed Colors.

1692 Empress or Giant White Hyacinth-flowered. A grand variety, producing enormous spikes of bloom, resembling a white Hyacinth. These spikes often measure 7 inches long by 2¾ inches in diameter; plant in bloom, 12 inches high. To produce the finest spikes the plant should be transplanted.

1694 Umbellata, Lilac.

1696 Rose-cardinal. Produces very large umbels of bright, rose-cardinal flowers, so that plant presents one unbroken sheet of bloom; 8 inches high.

1700 Umbellata, Mixed Colors.

Price of above, per ¼ oz., 35c; pkt., 10c

Perennial Varieties

Admirably adapted for permanent front rows of borders or for low clumps or beds; very valuable for early decoration.

1704 Gibraltica. Showy, large-growing, rosy white; 1 to 2 ft. Per 1000 seeds, 50c; pkt., 25c
1708 Sempervirens. Completely covered with heads of white flowers in spring; 1 foot.

Per 1000 seeds, \$1.00; pkt., 25c



Chrysanthemum



Dwarf, Dark Blue Cornflower Jubilee Gem.

Centaurea (A)

1812 *Americana Hallii*. Bushy annual, 30 inches high; large flowers 6 inches across, of lavender-blue; fragrant. Pkt., 10c

CYANUS, Cornflower, Bachelor's Button, Ragged Sailor

1818 Jubilee Gem. The Popular Dwarf, Dark Blue Cornflower. A dwarf variety making a compact plant literally covered with flowers. It has foliage distinct from all other Cornflowers, forming a tufted mass of vivid green, contrasting well with the dark, double blue flowers. The plant is about 12 inches in height. Per 1/4 oz., 50c; pkt., 15c

1824 Double Carmine.

1825 Double Blue. A very old favorite garden annual, flowering freely in almost any situation. Height, 2 to 3 feet; largely used for cut flowers.

1826 Double Mauve.

1827 Double Rose. An exceptionally fine strain of deep rose pink.

1828 Double Purple.

1829 Double White.

1830 Cyanus, Double, Mixed Colors. Produces large globular heads of flowers filled up to the center with florets.

Price of above, per 1/4 oz., 25c; pkt., 10c

1831 Collection of above 6 separate colors. 50c

IMPERIALIS, Sweet Sultan

See Color Plate, page 60.

These giant-flowering "Sultans" produce long-stemmed, exquisitely fringed fragrant blossoms 3 to 4 inches across, of graceful effect. The colors vary, some having centers of a different color, as violet with white center, etc. The plants are of the easiest culture, flowering freely in the garden the first summer from seed sown in the spring. They are of strong, bushy form, 2 to 3 feet high.

1838 Chameleon. Bright yellow flowers.

1842 Favorita. Brilliant, rose.

1844 Graziosa. Deep lilac.

1846 Margaritae. Satiny-white flowers.

1848 Splendens. Rich, dark purple.

1850 Mixed Colors.

Price of above, per 500 seeds, 35c; pkt., 15c

1851 Collection of the above 5 separate varieties. 40c

WHITE-LEAVED, Dusty Miller (P)

Extensively used for ribbon beds, edgings.

1832 Candidissima. Compact plants, silvery leaves; 1 foot. Per 500 seeds, 75c; pkt., 15c

1834 Gymnocarpe. Graceful arching silver-gray leaves; 1 1/2 feet. Per 500 seeds, 50c; pkt., 10c

ANNUAL VARIETIES

These improved varieties form bushy, compact, oval plants about 18 inches high, are of easy cultivation, and flower most abundantly during the summer; very showy, garden annuals and fine for cutting, as the stems are stiff and long and they keep fresh for a long time.

SINGLE ANNUAL—PAINTED DAISY

(Shown in colors on page 61)

1890 One of the loveliest and showiest of the daisy-like flowers in cultivation. It contains a wonderful range of colors from pure white with yellow center through all the pink and rose tones, to deep mahogany-red. We offer mixed colors only.

Price per 1000 seeds, 50c; pkt., 15c

DOUBLE VARIETIES

1863 Golden Crown. A strong grower making vigorous plants three to four feet in height, foliage silver green with bright double yellow quilled petals.

Price per 500 seeds, 50c; pkt., 15c

1870 Mixed Double Annual Varieties.

Price per 500 seeds, 25c; pkt., 10c

PERENNIAL VARIETIES

1896 Shasta Daisy. This produces magnificent, pure white flowers, 4 inches across, on stems 1 1/2 to 2 feet in length. The plants, 2 to 2 1/2 feet in height, flower in profusion.

Per 1000 seeds, 50c; pkt., 15c

1898 Shasta Daisy "Conqueror." This is the largest flowering type that has yet been developed. This variety cannot be surpassed for its free blooming qualities or size of flowers.

Per 1000 seeds, 75c; pkt., 25c

1899 Shasta Daisy (Giant Double White). Forms unusual and beautifully shaped flowers with laciniated, curled and quilled petals. The flowers are all large and carried on long wiry stems. Per 500 seeds, \$1.25; pkt., 25c



Early Flowering Hardy Chrysanthemum

SEPTEMBER JEWELS

A RECENT NOVELTY

1907 The most important advance made in Chrysanthemums since the introduction of the Korean Hybrids. They are of the utmost interest to all gardeners who delight in growing hardy Chrysanthemums from seed.

September Jewels are hybrids of Rubellum and exhibit this parent's early blooming characteristic and winter hardiness. The plants start blooming early in September from seed sown in early spring and continue to give a magnificent display until the middle of October. They develop into well-rounded plants from 1 to 2 feet tall simply covered with masses of blooms which are resistant to light frost.

The large Daisy-like flowers show a distinct tendency toward a double row of ray petals. They measure from 2 to 3 inches in diameter, and are as desirable for cutting as for garden display.

The range of colors is indescribably beautiful, tending toward the more delicate tones, yet with sufficient of the more rugged shades to give a rich color balance. Pkt., 60c

Popular and Colorful Late Flowering Hardy Chrysanthemums

1905 Korean Hybrids. Ours is the same strain of seed from which many of the popular named varieties of Korean Chrysanthemums have originated. These form bushy plants, flowering in the late fall. The flowers are single, in a great range of color. Seed sown indoors in the early spring produces blooms in the fall.

Mixed Colors. Pkt., 25c

There are few flowers that lend themselves so admirably for flower arrangements, as the single forms of Chrysanthemums. At the Fall Show of the New York Horticultural Society, many of the prize winning table arrangements were made with Single Chrysanthemums.



DOUBLE ANNUAL CHRYSANTHEMUM



Clarkia Elegans

ROCKY MOUNTAIN GARLAND (A)

For the table decorations few flowers are more satisfactory. If the sprays are cut before all the buds have opened, they will last for a long time, or until all the buds have developed into bloom.

1944 Queen Mary. Lovely, rose-carmine flowers; very double.

1946 Scarlet Queen. Double rose-orange flowers developing to intense orange-scarlet.

1947 Purple King. Rich ruby-purple; double flowers.

1949 White Queen. Beautiful pure white; flowers very double.

1950 Double Mixed. Including many sorts.

Price of above, per 1000 seeds, 25c; pkt., 10c

1951 Collection. One packet each of the four named varieties.....30c

CERASTIUM, Snow in Summer (P)

1858 Tomentosum. White foliage and a profusion of small white flowers. Very pretty as an edging plant.....Per 500 seeds, 50c; pkt., 25c

CHEIRANTHUS, Siberian Wallflower (P)

1859 Allioni Golden Bedder. Deep golden yellow, the individual flowers are large and sweetly scented. Height, 1½ feet.

Per 1000 seeds, 50c; pkt., 15c

1860 Allioni. Bright orange-colored flowers, with dark green foliage; a splendid plant for rock gardens.....Per 1000 seeds, 25c; pkt., 10c

CINERARIA HYBRIDA (TP)

Magnificent plants for spring decoration in the conservatory or window garden. The flowers cover the plant with a sheet of bloom. Colors: White, blue, violet and crimson shades.

1920 Large-flowering. Choicest Mixed.....Pkt., 50c



Cleome SPIDER FLOWER (A)

1963 Pink Queen—Silver Medal. Winner 1942 All America Selections. The old type was never very popular due to the displeasing magenta tones in the flowers. The New Pink Queen, on the contrary, produces large flowers of a delightful and refreshing soft pink color. The plant attains a height of about 3 feet. Pink Queen is an ideal plant for mass planting in the foreground of shrubbery, or for background planting in flower borders.

Pkt., 25c

1965 Gigantea Rosea. The feathery petals and long stamens give the flowers the appearance of an Orchid. Sow seed in May and when the seedlings are 3 or 4 inches high, thin out to stand 2 feet apart. The plants grow very rapidly and attain a height of from 3 to 5 feet. Recommended as a honey plant for bees.

Per oz., 60c; pkt., 10c

1966 Golden Cleome. A true Cleome of giant size, growing to 7 feet, and spectacular when in full bloom. It branches in tree fashion and each branch ends in an ever-extending raceme of airy spidery blossom of a golden hue.

Pkt., 25c

CLEMATIS PANICULATA (P)

The Fragrant Fleecy White Virgin's Bower

1957 This lovely sweet-scented climber is one of the most satisfactory hardy vines in cultivation. It is fairly rapid in growth and attains a height of about 12 feet. The foliage is bright green, glossy and abundant. During August and September, the entire plant is covered with delightful clusters of fragrant, snow-white flowers. The plant is perfectly hardy, and vigorous, and is never attacked by insects.....Pkt., 25c

Cobaea Scandans

Cathedral Bells (A)

Elegant, rapid-growing climbers, attaining a height of 10 to 20 feet. Particularly desirable for covering arbors, walls, etc. Flowers large and bell-shaped.

1967 Blue

1968 White

Price of above, per 1000 seeds, 50c; pkt., 15c



CARDINAL CLIMBER



CLEOME, PINK QUEEN

CONVOLVULUS, Morning Glory (A)

1984 Minor "Bush" Morning Glory. Very desirable for beds or borders as they form plants 1½ to 2 feet in diameter, and about 1 foot high. The flowers are borne in great profusion and remain open practically all day, except in rainy weather. The mixture we offer includes "many self colors," as well as striped and flaked varieties. Mixed Colors.

Oz., 35c; pkt., 10c

1990 Major, Climbing Morning Glory. These beautiful annual climbers are of easy culture and produce freely all summer long large, funnel-formed flowers of lovely combinations of coloring. Seed may be sown in the open ground. Height, 15 to 20 feet. Mixed Colors.

Oz., 35c; pkt., 10c

COREOPSIS (P)

These long-lasting flowers are simply perfect, measuring 3 inches and over in diameter, and are borne on stalks 15 to 18 inches in length.

1992 El Dorado. Color, brilliant golden-yellow. This variety, although a hardy perennial, will flower the same season from seed sown early—compact, bushy plants, about 2 feet high.

Per 1000 seeds, 50c; pkt., 10c

1993 New Double. This semi-double form of this hardy perennial is proving to be very popular. Color, bright yellow.

Per 500 seeds, 50c; pkt., 15c

1994 Harvest Moon. It flowers the first season from seed sown early, producing immense, long-stemmed, rich yellow flowers, shaded with orange, and flowering in profusion.

Per 1000 seeds, 50c; pkt., 10c

1995 Mayfield Giant. Is of Australian origin and the best yet introduced. The color is intense yellow.....Per 500 seeds, 50c; pkt., 15c

CUPHEA FIREFLY (A)

2032 It develops into an attractive compact plant averaging about 10 inches in height, and when in bloom is covered with small delicately formed fiery cerise-red flowers. It is a welcome addition to the garden as a border or edging plant. It will also prove of value in the rock garden for supplying spots of brilliant color during the summer months.....Pkt., 25c

CYCLAMEN, See page 95

CARDINAL CLIMBER or Scarlet Queen Cypress Vine (A)

2052 The fringed foliage forms an effective background for the brilliant scarlet tubular flowers. 1 to 1½ inches across. It grows about 10 feet high, being literally bespangled with flowers from July until late fall. The seed should be soaked in warm water before sowing.....Per 100 seeds, 25c; pkt., 15c

SPECIAL MIXED FLOWER SEEDS

4740 A flower garden may be made in any out-of-the-way place by broadcasting and raking in, at the rate of 1 oz. per 100 square feet, mixed with sand or dry soil to secure even distribution.

Price, oz., 25c; ¼ lb., 75c; lb., \$2.50



DELPHINIUM PACIFIC HYBRIDS



DOUBLE
SENSATION
COSMOS



DAHLIA MINIATURE HYBRIDS

Dahlias

FROM SEED (A)

Dahlias may be grown and flowered the same season if the seed is sown indoors or in a hotbed in February or March. Tubers are developed during the summer which should be dug in fall.

2070 Coltness Hybrids. Very distinct plants 18 inches high, covered with charming single flowers. **Mixed Colors** Per 500 seeds, \$1.00; pkt., 25c

2076 Miniature Hybrids. The plants average 2½ feet high and the flowers about 3 inches in diameter. Our hybrids will produce various interesting types, semi-double, double, cactus, etc. Seed started indoors or in a frame during February and March will produce flowering plants the same season.

Mixed Colors Per 250 seeds, \$1.00; pkt., 25c

2080 Single Giant Perfection, Mixed. Immense single flowers of various colors, including many striped and spotted sorts.

Per 500 seeds, 75c; pkt., 15c

COSMOS—Orange Ruffles, Semi-Double
2029B Vivid and intense golden orange, the two or three extra rows of petals lend an airy butterfly-like beauty to the richly colored large blossoms. Very free blooming. Comes into flower ten days to two weeks earlier than Orange Flare. The three to four foot plants remain in bloom about six weeks.

Per 500 seeds, 50c; pkt., 25c

Cynoglossum

CHINESE FORGET-ME-NOT (A)

2051 Amabile Blue. A fine border plant, growing 18 inches high, producing sprays of bright blue flowers which bloom all summer.

Per 500 seeds, 25c; pkt., 10c

2051 A Amabile Pink

Per 500 seeds, 50c; pkt., 15c

2051 B Firmament. A welcome new dwarf type 15 to 18 inches tall and bushy, of rich blue color, always in garden demand, and should prove most popular

Per 500 seeds, 60c; pkt., 25c

Delphiniums From Seed

The modern Delphiniums are unquestionably the most majestic of all hardy garden flowers. Many lovely garden pictures can be produced by combining them with other plants, as, for instance, the Hardy Lilies listed on page 105. Delphinium seed may be sown over an extended period of time. Some growers prefer to start their seed in flats during the month of February. This permits transplanting the seedlings to the garden in late spring, and frequently a small flower spike is obtained before winter sets in. The following year they develop in all their glory. Many gardeners start the seed in a small outdoor seed bed in April. Good results are also obtained by sowing the seed in a cold frame during the months of July and August.

Delphinium

HARDY LARKSPUR (P)

2084 Chinensis, Blue Butterfly. A beautiful blue variety of compact growth. This is a perennial but blooms the first year if seed is sown early. Height, 18 inches. Per 1000 seeds, 50c; pkt., 15c

2087 A Belladonna, Blue Grotto. Deep blue with cream center.

Per 500 seeds, 50c; pkt., 25c

2090 Giant Single and Double Hybrids. A splendid race of these popular hardy, garden plants. The blossoms are of immense size, single and double, borne on towering spike from 2 to 5 feet of their length. The colors are white, lavender, blue, azure, indigo and purple, several shades being blended in some of the varieties. The plants grow from 4 to 8 feet in height.

Mixed Colors Per 1000 seeds, \$1.00; pkt., 25c

2100 Single, Fine Mixed Colors.

Per 1000 seeds, 50c; pkt., 10c

2102 Wrexham Hybrids. Their graceful spire-shaped spikes are rapidly bringing them to the front as the most popular flower for cutting or the garden. The mixture contains all the colors in Delphiniums. Per 1000 seeds, \$1.00; pkt., 25c

DELPHINIUM HYBRIDS

NEW PACIFIC STRAIN

This is the Vetterle & Reinelt strain which is now universally accepted as the finest strain of Hybrid Delphiniums in cultivation. It produces not only huge individual flowers and spikes which have been bred for balance and grace, as well as for color, but it also possesses a vigorous mildew resisting constitution.

2091 V Lavender Pastel Shades. Color range from Clear Lavender to Lilac Lavender with contrasting white bees. Individual florets 2½ to 3 inches in diameter.

2092 V Light Blue Shades. Color range from light to medium blue, with white, fawn and black bees. Individual florets 2 to 2½ inches.

2093 V Dark Blue Shades. Color range from medium to dark blue, with white and dark bees for contrast. Individual florets 2 to 2½ inches in diameter.

2094 V Guinevere Series. Light pink lavender self with white bee. Individual florets 2½ to 3 inches in diameter, large spikes. Excellent branching habits. For cut flowers and show purposes.

2095 V Clear White. Individual florets 2 to 2½ inches in diameter. Well placed on large well-balanced spikes. Clear glistening white.

Price of above, Per 500 seeds, \$2.00; pkt., 50c

2101 All Colors Mixed. The colors range from pure glistening white through myriads of tints and tones of lavender and blue.

Per 500 seeds, \$1.50; pkt., 35c

Cosmos (A)

DOUBLE SENSATION (New)

2016 An extra early, double form of the popular Sensation Cosmos. Two forms of double flowers are found in this new strain—the regular double crested and the newer and novel fluted types—and both will average between 4½ and 5 inches across. **Mixed Colors.** Per 500 seeds, 75c; pkt., 25c

"SENSATION"

EARLY SINGLE FLOWERING

This beautiful new variety produces flowers about 4 inches in diameter and blooms in about ten weeks after the seed is sown. It will prove a great acquisition as a cut flower. The plants attain a height of from 3 to 4 feet.

2018 A "Pinkie." Clear Rose Pink.

2018 B "Purity." Pure White.

2018 C "Cardinal." Crimson.

2018 Mixed Colors.

Price of above, per 500 seeds, 50c; pkt., 15c

2018 D Collection of above 3 varieties 35c

ORANGE FLARE, Early Klondyke

2029 The color is the same vivid orange of the ordinary Klondyke, but it flowers in less than 4 months from seed

Per 500 seeds, 25c; pkt., 10c

YELLOW FLARE—Silver Medal

2029A A lovely and worthy companion flower to the popular Orange Flare Cosmos. It is quite similar in habit, but it is our opinion that the color is far more effective, being a bright golden yellow.

Per 500 seeds, 50c; pkt., 25c

MIDSUMMER, Large Early Flowering

The flowers average 3 inches across; the plants forming compact bushes only 4 feet high. Blooms from June to frost.

2010 Mixed. Per 500 seeds, 25c; pkt., 10c

DOUBLE CRESTED, Early Flowering

A distinct type, having double centers, with a row of guard petals around the base. It is a highly decorative garden and cut flower.

2011 Crested Crimson King.

2012 Crested Pink Beauty.

2013 Crested White Queen.

2019 Mixed.

Price of above, per 500 seeds, 50c; pkt., 15c

Dianthus China Pinks

Double-Flowering (Annual)

2110 Crown of Perfection. The plants are bushy, of symmetrical form; 1 foot high. The flowers average 2 inches across; are densely double and produce blooms during summer and autumn in great numbers. The colors range from purest white to red shades, soft pinks and flesh tints. **Double Mixed Colors.**

2114 Fireball. Large, double, brilliant red.

2118 Double Striped and Fringed, Mixed. (*Laciniatus, fl. pl.*) Large, double-fringed flowers of various colors and markings.

2122 Salmon Queen. Beautiful rosy-salmon, fine, large, double.

2124 Snowdrift. Large and double, white.

Price of above, per 1000 seeds, 50c; pkt., 10c

Single-Flowering (Annual)

2134 Giant "Ruffled and Frilled." The flowers are 1½ to 2 inches across. The petals are ruffled, frilled and fringed, the gorgeous blossoms range from dark blood-red to glowing crimson, carmine-rose, salmon-pink, and white, some of the flowers are mottled and blended. The plants are about 1 foot high, and flower through summer and fall.

Per 1000 seeds, 50c; pkt., 10c

(Perennial Varieties)

2141 Sweet Wivelsfield. This hardy biennial is quite distinct from the Annual Sweet William. It has a variety of color and a long season of bloom. Sown indoors in February and March and planted out in May, it will bloom from June to November. **Mixed Colors.**

Per 1000 seeds, 75c; pkt., 25c

2145 Spice Pinks. Dwarf, double-flowering. The flowers are large and have a variety of colors and markings; beautifully fringed, and they emit a clovelike perfume. **Mixed Colors.**

Per 1000 seeds, 75c; pkt., 25c

2150 Plumarius, Mixed. The favorite old Pheasant's Eye or Grass Pinks; 1 foot.

Per 1000 seeds, 75c; pkt., 25c

DIDISCUS COERULEUS Blue Lace Flower (A)

(See Color Plate A Page 59)

2155 The plants grow 2 feet high, producing lovely, umbel-shaped flowers; range from 2 to 3 inches across. The color is heavenly blue. Seed sown outdoors after danger from frost will produce plants blooming from July to October. It may be grown as a pot plant.

Per 500 seeds, 50c; pkt., 10c

Digitalis

Foxglove Gloxinia-Flowered (B)

These are very hardy, easy to grow and produce freely spikes 4 to 5 feet high, furnished with large flowers of various colors, including white, cream, rose, red and other shades all of which have throat markings, spots and blotches of purple, maroon, etc. They require protection during the winter months.

2170 Mixed Colors. (*Gloxinoides.*)

Price per 1000 seeds, 50c; pkt., 15c

California Poppy ESCHSCHOLTZIA (A)

Flower profusely until late in the autumn, making them invaluable for bedding.

2214 Crimson King. The best of the red-flowering varieties. Bright crimson; interior, carmine.

2220 California, Double Mixed. White, yellow and orange.

2222 Golden West. Flowers of immense size. The colors are intense and shining yellows, some with orange blotches.

Price of above, per 1000 seeds, 40c; pkt., 10c

2230 California, Single, Mixed. Orange, white, yellow, etc. Per ½ oz., 25c; pkt., 10c

2232 New Hybrid. This new type is very erect and bears extra large flowers of tints and shades never before seen. They include soft pink, scarlet, chrome yellow, coppery red, shades of claret, royal purple, crimson, pink and orange-scarlet. **Mixed Colors.**

Per 1000 seeds, 50c; pkt., 15c



African Daisy

DIMORPHOTHECA (A)

2185 Golden African. (*D. Aurantiaca.*) A showy, branching plant; about 12 inches high. The single, daisy-like blossoms, 2½ inches in diameter, are orange, with a dark-colored disk, zoned black; flowers very early in sunny situations.

Per 500 seeds, 50c; pkt., 10c

2186 Hybrid African Daisies. In color from white to red and tints of sulphur lemon and golden-yellow, orange, reddish-yellow salmon shades. **Mixed Colors.**

Per 500 seeds, 50c; pkt., 10c

2188 Ecklonis (White African Daisy). The flowers are white with a dark blue center, reverse side of petals lavender. A fine sort for garden and greenhouse culture.

Per 500 seeds, \$1.00; pkt., 15c

2190 Double Hybrid. A distinct novelty. The flowers are beautifully crested, resembling somewhat the lovely Crested Cosmos. The individual flowers average about 1½ inches across, and the colors range from a deep, salmony-orange through all of the intermediate tones of apricot, fawn, primrose, etc., to pure white. This new variety can be depended upon to produce at least 65% double flowers

Pkt., 25c

DOLICHOS, Hyacinth Bean (A)

Annual climbers of rapid growth, 10 feet high, with Wistaria-like clusters of flowers.

2192 Giant Crimson. Bluish, deepening with age to dark red.

2193 Giant White.

Price of above, per oz., 50c; pkt., 10c

ERIGERON, Midsummer Daisy (P)

2205 Speciosus. A beautiful, hardy perennial border plant, having single, daisy-like flowers. Color: light lavender, yellow center.

Pkt., 25c

EUPHORBIA (A)

2235 Marginata or "Snow on the Mountain." The leaves of light green are broadly margined with white. The plant is of branching habit, about 2 feet high.

Per 500 seeds, 25c; pkt., 10c

2237 Heterophylla or Annual Poinsettia. The leaves are glossy green, turning to scarlet.

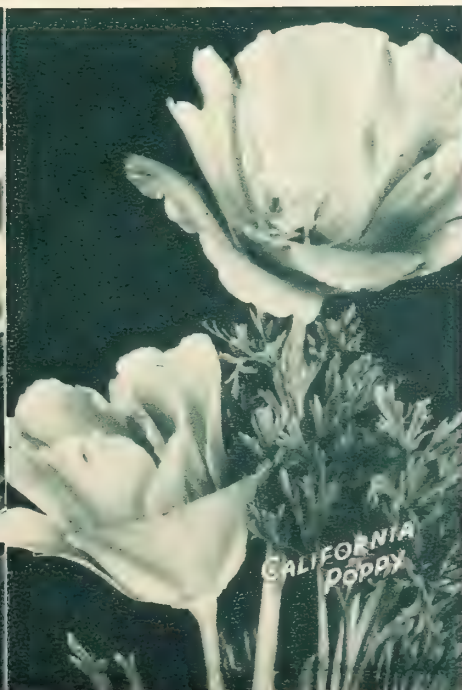
Per 500 seeds, 35c; pkt., 15c

FELICIA BERGERIANA (King Fisher Daisy)

(Shown in Colors on Page 61)

2242 Tuft-like foliage, with blue daisy-like flowers ¾ inch across. Easily grown.

Pkt., 25c



Gaillardia BLANKET FLOWER

Perennial Varieties

One of our most dependable summer flowering perennials valuable in the border and for cutting. The flowers are often 3 to 4 inches across.

2250 Giant Hardy Hybrid, Mixed Colors.
Per 500 seeds, 50c; pkt., 15c

2252 Grandiflora Portola Hybrids. This superb strain bears flowers of very large size, bronzed with the characteristic golden-tipped petal-
age. A splendid cut flower; also fine for perennial borders.

2254 Burgundy. The shining wine-red flowers (about 2½ inches in diameter) are produced on long stems by bushy plants 2½ feet high. They flower from June until the Autumn, and if sown in March blooms will appear the same year.

Price of above, per 500 seeds, 75c; pkt., 25c

Annual Varieties

Very showy garden annuals, 1 to 2 feet high. Grown in masses they are especially effective; large flowers, 2 to 3 inches across, produced from early summer until frost, unrivaled for cutting.

2255 Lorenziana, or Double-flowering. Large, round heads composed of numerous fibrets of crimson garnet, lemon-orange, etc.

2260 Mixed Single Varieties.

Price of above, per 500 seeds, 25c; pkt., 10c

GERANIUM—Giant Hybrid (TP)

The colors include scarlet, crimson, rose, salmon, pink, white and the new auriole types. These stand the hot sun, and, although perennials, they will flower the same season, if the seed is sown indoors early in the spring; 12 to 18 inches high.

2285 Single Giant-flowering Hybrids. Mixed Colors. Pkt., 25c

GERBERA, Transvaal Daisy (TP)

They are half hardy perennials, usually grown as greenhouse plants. The daisy-like blossoms, 3 to 4 inches across, being borne on 12 to 18-inch stems, are unsurpassed as cut flowers.

2270 Adnet's New Hybrids. A French strain of incomparable delicacy and richness, in which an infinity of tints, from pure white through yellow, orange, salmon, rose, cerise and ruby red to violet are represented.

Per 100 seeds, 75c; pkt., 25c

GEUM (P)

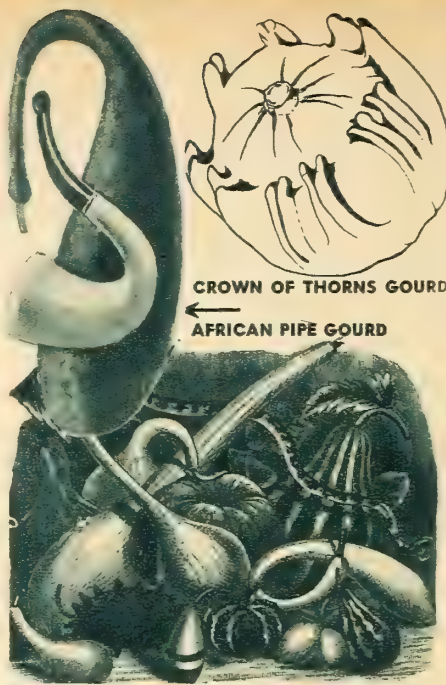
Geums are hardy perennials, producing dwarf tufted plants, from which rise graceful stems, 2 feet high, bearing beautiful double flowers, which are borne freely throughout the entire summer. They are also valuable for cut flowers.

2286 Lady Stratheden. Fine, double yellow.

2287 Orange Queen. The beautiful, double, orange flowers are borne freely throughout the entire summer. Excellent for cut flowers.

2288 Mrs. Bradshaw. Beautiful, double, crimson-scarlet flowers.

Price of above, per 500 seeds, 75c; pkt., 25c



ORNAMENTAL GOURDS

GLOBE AMARANTH (A)

The flowers are useful for dried winter bouquets; 2 feet high.

2290 Mixed Colors.

2291 Rubra. Purplish-red.

Price of above, per 500 seeds, 25c; pkt., 10c

Godetia

Satin Flower (A)

Showy garden annuals of compact growth, about 1 foot high, bearing flowers 3 to 4 inches across, of exquisite colors and shades that glisten in the sunlight like satin.

2309 Charming. The color is a glowing, deep satiny pink. It is an ideal bedding plant and attains a height of about 18 inches.

2312 Crimson Glow. Intense, crimson.

2313 Gorgeous. The most freely flowering of all the Godetias. It grows about 1 foot high and bears large, satiny crimson flowers.

2315 Sybil Sherwood. Glorious shade of bright salmon-pink, softened by an edging of white.

2316 White Pearl. Large, white flowers.

2320 Finest Mixed Varieties.

Price of above, per 1000 seeds, 50c; pkt., 10c

2321 Collection of Godetia, 5 varieties. 40c

Ornamental Gourds (A)

Favorite annual climbers, of rapid growth, immune from insect pests. 20 to 30 feet. Greatly in demand for children's gardens.

GOURD CROWN OF THORNS

2336 This is considered one of the most curious varieties, sometimes known as the Holy or Sugar Bowl Gourd. The fruit is ivory white, bowl shaped, having ten prongs extending from the ridges or angles; the shell is hard and durable; the prongs are hollow when inside fiber dries away. Pkt., 25c

2332 African Pipe Gourd. This produces the Ornamental Gourds from which are made the African Calabash pipe. A leaflet "Directions for Growing and Pipe Making" sent free on request.

2333 Giant Bottle Shaped. (Chinese water bottle.)

2334 Chinese Loofa. (Dishrag Gourd.) The fibrous interior can be used as a sponge.

2335 Dipper-shaped.

2337 Hercules' Club. Green fruit, 2 to 5 feet long.

2338 Julius "Knob Kerrie." To the ball-like base, 4 inches in diameter, is attached stem 2 feet long.

2342 Mock Orange. Golden orange.

2344 Powder Horn. Green fruit.

2347 Spoon. Small, yellow with green.

2348 Turk's Turban. Red, lower portion green, striped white.

2349 Nest Egg. White egg-like fruits.

2350 Mixed Ornamental Varieties.

Price of above, per oz., 60c; pkt., 10c

2351 Collection of above 12 varieties Ornamental Gourds \$1.00

THE FIRST GOURD BOOK

This publication is based upon long experience in gourd-gardening and is designed to aid the amateur in the cultivation, harvesting, curing, arrangement, exhibiting, etc.

Price, 50c

Gypsophila

Baby's Breath

Perennial Varieties

2362 Double-flowering. (*G. paniculata fl. pl.*) A new type bearing in profusion double white flowers which last long in perfection; 60 per cent come double, the balance single.

Per 1000 seeds, 75c; pkt., 25c

2364 Paniculata. A favorite hardy perennial, the feathery foliage and white flowers are largely used in making bouquets.

Per 1000 seeds, 50c; pkt., 10c

Annual Varieties

2366 "Paris Market." A pretty garden annual, of great value for bouquets, vases, etc. This improved large-flowering variety of *G. elegans* forms branching plants about 2 feet high, covered all summer long with clusters of snow-white flowers half an inch across.

Per oz., 60c; 1000 seeds, 25c; pkt., 10c



GODETIA
OR
SATIN FLOWER



ANNUAL GAILLARDIA



GYPHSOPHILA

Hollyhock

Annual
Varieties

2450 Henderson's Ever-Blooming Hollyhocks. These annual Hollyhocks flower the first season from seed. The plants from early sown seed set out in May commence blooming in July and August, and then flower until frost. Some plants produce densely double flowers without guards, others with guard petals; there are semi-doubles with Anemone-flowered centers, etc., and maroon pink, crimson, canary-yellow, cerise, white, scarlet, apricot, wine-red, etc. Combination Mixture.

Per 500 seeds, 50c; per pkt. (about 50 seeds), 15c

2452 Indian Spring. Actually blooming in five months from seed, with secondary blooms developing on side shoots, after main flowering stem is cut away. This species has semi-double to double fringed flowers in shades of pink, on 4 to 5 foot plants the first season. Pkt., 25c

Biennial Varieties

HENDERSON'S EXTRA CHOICE DOUBLE HOLLYHOCK

They are old inhabitants of our gardens, but are now improved in doubleness and enlarged in size, under our special culture and hybridization. Hardy biennials—or short-lived perennials—5 to 8 feet high. The seed we offer has been saved from an unrivaled collection.

2423 Canary-yellow	2429 Pink
2424 Crimson	2434 Salmon
2427 Maroon	2435 White

Price, any of above, per 500 seeds, 75c; pkt., 15c

2440 Mixed. From named varieties. Per 500 seeds, 50c; pkt., 10c

2441 Collection of Double Hardy Hollyhock Seeds. 6 separate colors. 75c

2455 Single Flowering, Mixed Colors. Per 500 seeds, 40c; pkt., 10c

2462 Imperator. A new type of this hardy garden favorite, bearing flowers 5 inches across, with elegantly frilled and fringed outer petals, the center forming a double rosette 2 inches across. The colors are rose, cerise, salmon, cream and yellow. Mixed Colors.

Per 500 seeds, 75c; pkt., 25c



Helichrysum

"Everlasting or Strawflower" (A)
(Shown in Colors H. Page 59)

The dried flowers lend themselves admirably for table adornment or for making up ornamental baskets. When wanted for this purpose the flowers should be cut when about half open, remove foliage, tie in bunches, hang flowers heads down in a warm dark place until dry. Plants grow 2 to 3 feet high.

2382 Fireball. Scarlet.
2383 Golden Ball. Rich yellow.
2384 Rose Queen. Carmine-rose.
2385 Salmon Queen. Salmon-pink.
2386 Silver Ball. White.
2386 Violet Queen. Violet.

2390 Mixed Colors.
Price of above, per 1000 seeds, 50c; pkt., 10c
2391 Collection of above 6 varieties, 1 pkt. each, 50c

Everlasting Flowers are extremely popular for Basket arrangements and interior decorations during the winter months. They are all easily grown from seed and are attractive subjects in the garden. Among outstanding varieties are included the *Acroclinium*s (see page 67), *Globe Amaranth* (see page 76), *Honesty* (next column), *Physalis* or *Chinese Lantern Plant* (see page 85) and *Statice*, the *Graceful Sea Lavender* (see page 88).

Heliotrope (A)

The heads of bloom measure 6 inches across. The plants, 18 inches high, are healthy, bushy and compact, the leaves are large and luxuriant. Seed sown in the spring produces full-grown plants by July, which flower until cut down by frost or may be grown in pots for winter flowers. 2400 Lemoine's Giant Hybrid, Mixed.

Per pkt., 25c

HEUCHERA (P)

2405 Sanguinea. Grows about 18 inches tall, foliage dwarf and compact, above which rise graceful flower spikes of coral red. A splendid plant for rock gardens and borders.

Per 500 seeds, 75c; pkt., 25c

HIBISCUS, Marsh Mallows (P)

These form bushes about 4 feet high, bearing immense bowl-like flowers, often 6 inches across. 2407 Giant Crimson. This variety has brilliant dark red flowers. Pkt., 25c

2408 Giant Yellow. Yellow, garnet throat. Pkt., 10c

"HONESTY" (B)

2468 Lunaria Biennis. Especially useful in shady, damp places; the flowers of purple, crimson or white are followed by silvery transparent seed pods; prized for winter bouquets; height, 2 feet. Mixed Colors. Per 500 seeds, 25c; pkt., 10c

Hunnemannia

Giant Poppy or Bush Eschscholtzia (A)

2478 Sunlite. The bright, Canary Yellow flowers are like those of California Poppies except that they are more crinkled, and of greater substance. The leaves are glaucous and thick, but finely cut. The plants grow two feet tall and bloom in September and October.

Hunnemannias are handsome garden subjects under any conditions. Sown in a bed with *Nigella* (see page 82) they offer a pleasing contrast. The flowers are good keepers when cut in the bud, lasting a week. They are attractive combined with *Baby's Breath*.

As with all the Poppies, *Hunnemannia* seedlings do not transplant readily except just after germinating and when taken with a ball of soil. It is best to sow the seed in May where the plants are to grow, thinning them to 8 or 10 inches apart. If early results are desired, start the plants in small pots. Plants withstand drought and prefer full sunlight.

Per 1000 seeds, 75c; pkt., 25c

KOCHIA (A)

Mexican Fire Plant or Summer Cypress
2542 *Tricophylla*. It is easily grown from seed, forming oval bushes 2 to 2½ feet high, densely clothed with small, feathery, light-green foliage, deepening in color until the whole plant assumes a fiery crimson hue.

Per 1000 seeds, 25c; pkt., 10c

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GIANT MOONFLOWER



LINARIA
Fairy Bouquet



LOBELIA
CRYSTAL PALACE



LATHYRUS
LATIFOLIUS

Henderson's Red, White & Blue Group OF NEW IMPROVED MORNING GLORIES

(Shown in colors on Page 58)

Start the day right with a thrilling smile from the World's most beautiful Morning Glories. In this group we have combined the three most beautiful Morning Glories (Ipomoeas) in cultivation. They are all of easy culture and flower throughout the entire summer.

The Famous Red Morning Glory Scarlett O'Hara.

2499 This Morning Glory is entirely distinct from any other on the market. It is quite early to bloom, a carnelian-red, sometimes called carmine, self color, is of medium size, about three and a half inches across, blooms until frost and stays open longer than others. Blooms are found open even in afternoons. Foliage is quite distinct, each leaf with one large and two small side lobes. Per 100 seeds, 50c; pkt., 25c

The Loveliest White Morning Glory. Ipomoea Pearly Gates.

2503 This new variety of Ipomoea received the most votes of any of the 1942 candidates for All-American Honors. It is a sport of the popular Clark's Early Heavenly Blue Ipomoea, and is a grand companion to it. The flowers are large, averaging about 4 inches across, and are pure white with creamy shading in the throat. Unlike most other varieties of Ipomoea, this one has a tendency to keep on blooming throughout the entire day. It attains a height of about 12 feet, and its foliage is extremely luxuriant. Per 100 seeds, 50c; pkt., 25c

2498 Clark's Earliest Heavenly Blue Morning Glory. This is the earliest flowering variety, making a sparse growth of foliage, heavily covered with skyblue flowers, with a golden throat. Seed should be sown in the late Spring in a dry, sandy location or can be started early indoors and seedlings transplanted. For covering a fence or trellis it is ideal. Per 100 seeds, 50c; pkt., 25c

2521 Special offer: one packet each of Red, White and Blue Morning Glories, 60c.

HENDERSON'S NEW IPOMOEAS GREATER GLORIES (A) Largest and Most Beautiful Morning Glories

The selection, segregation, and hybridization of thousands of the most desirable and most beautiful flowers obtained from the finest strains of Imperial Hybrid Ipomoeas, over a period of six years, resulted in the development of a great number of hybrids, many of which possessed outstanding characteristics. Through the process of elimination, the six varieties offered here were finally chosen as the most representative, and the most beautiful of the group.

Besides producing a luxuriant growth, which during the course of the season attains a height of from 15 to 20 feet, the plants are extremely free blooming, and as is unusual with other varieties of Ipomoea, the flowers, which range from four to five inches in diameter, are developed over the entire plant, beginning about a foot from the ground.

The plants are clothed from top to bottom with attractive three-lobed leaves, which adds much to their beauty. Henderson's Greater Glories are among the most desirable annual vines that may grace the Gardens of America. Wherever plant material is required for drapes or for screening purposes, nothing finer could be desired. For garden enclosures, they will make a wall of living beauty that will be a joy throughout the summer. They can be used for covering fences of every description, also stone walls, dead trees, poles, etc.

2523 Blue Skies. Light Blue.

2524 Gleaming Star. Red with White Edge.

2525 Pink Cloud. Shell Pink.

2526 Purple Glow. Purple.

2527 Sunrise. Crimson.

2528 Silvery Moon. White.

2530 Mixed Colors.

Price, per 100 seeds, 50c; per packet, 25c

2531 SPECIAL OFFER: 1 pkt. each of the above 6 varieties. \$1.00

(Note: To hasten germination, we advise soaking the seed of Ipomoea overnight in warm water before planting.)

POPULAR IPOMOEAS

2496 Baby Blue. The vines grow luxuriantly, about 15 feet high, from March-sown seeds—the plants sheeted until frost with white-throated light cerulean-blue flowers—2½ inches across, often remaining open all day. Per 200 seeds, 50c; pkt., 10c

2500 Moonflower Giant White. Grown in a warm, sunny location, the vine will be covered with large heart-shaped leaves, and studded from July until frost with immense saucer-shaped fragrant flowers. Opening about sunset and closing the next morning, though on cloudy days they remain open until noon. 30 to 40 feet high. Per oz., 60c; pkt., 10c

2515 Giant Imperial Morning Glory. Ruffled and Frilled. The vigorous vines attain a height of 20 to 30 feet. Immense flowers. Mixed Colors. Per oz., 75c; pkt., 10c

2520 Brazilian Morning Glory. Setosa. It is a luxuriant grower. The flowers are of beautiful rose color. Per 100 seeds, 50c; pkt., 10c

LANTANA (P)

2560 Rapid-growing, constant-blooming, tender perennial plants for pot culture in the winter or garden decoration in the summer; clusters of flowers, orange, white, pink, etc.; 2 to 3 feet. Mixed Colors. Per 500 seeds, 25c; pkt., 10c

LATHYRUS, Everlasting Peas (P)

These climb 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters. Splendid for cutting.

2607 Latifolius Red.

2608 Latifolius White Pearl.

2610 Latifolius Mixed Colors.

Price of above, per ½ oz., 50c; pkt., 15c

Brief Cultural Instructions are Printed on the back of all Packets. When ordering ask for booklet "Henderson's Flowers for American Gardens" for full cultural details.

**RUSSELL'S
LUPINS**

Marigold (A)

New, Up-to-Date
and Standard Sorts

There are few flowers that have responded so freely to the will of the plant hybridizers as the Marigold. The original types were coarse and possessed an unpleasant pungent odor. The first distinct change manifested itself in the Guinea Gold variety, and since its introduction some ten or more years ago, a number of outstanding lovely sorts have been developed. The African varieties are large flowering, and the French, small flowering sorts.

AFRICAN

GOLDSMITH

2704 The blooms remind you of the giant incurved Chrysanthemums. They are, however, somewhat firmer. The rich golden orange blooms are from 4 to 5 inches across. The plants, which grow 18 inches high, produce 8 to 12 stems of perfect cutting length.

Per 1000 seeds, 40c; pkt., 15c

GOLDEN BEDDER—All America Bronze Medal Winner

(Shown in colors on page 57)

2705 At our trial grounds at Red Bank, N. J., this new Marigold was outstanding for the earliness of its flowering period. It began blooming before any other variety, and continued throughout the season. The plants grow into symmetrical mounds about one foot high, and are covered with golden orange flowers. The formation of the flower is most artistic. It has a fairly double crest in the center, which is surrounded with outer guard petals, giving it a distinct appearance. It lends itself admirably as a cut flower.

Pkt., 15c

2710 African Double, Mixed. 2 to 3 feet high; large, double flowers of yellow or orange.

Per 1000 seeds, 25c; pkt., 10c

YELLOW SUPREME

2712 A beautiful double Carnation flowered variety; color, rich primrose yellow; odorless; growing 2 to 3 feet tall. A splendid companion for Marigold Guinea Gold.

Per 1000 seeds, 25c; pkt., 10c

"CROWN OF GOLD"

2714 A variety with a Chrysanthemum-like top or crown surrounded by a collar of big, broad petals of the same color—bright golden-orange. The plants grow from 2 feet high. It does not have a strong odor.

Per 1000 seeds, 40c; pkt., 15c

GUINEA GOLD

2715 A distinct type of graceful pyramidal habit, growing 2 to 2½ feet high, and producing 30 to 40 flowers, 2 to 2½ inches across, of brilliant shade of orange flushed with gold. This new variety produces practically 100% semi-double.

Per 1000 seeds, 25c; pkt., 10c

GOLDEN EAGLET

2716 The name selected for this new Marigold is in honor of the Girl Scouts of America. A pure deep golden orange carnation flowered Marigold, more brilliant and lovelier than any variety hitherto produced. The flowers are over 3 inches in diameter, perfectly double, with broad loosely arranged petals. The plant attains a height of over 2 feet, and the flowers possess a pleasing scent.

Per 1000 seeds, 40c; pkt., 15c

EARLY SUNRISE

2718 A very early flowering dwarf strain of Dixie Sunshine, true and distinct. Growing about 24 inches tall and bushy; foliage is yellowish-green 2 to 2½ inches incurved petalled; lemon or sulphur flowers and freely produced.

Per 1000 seeds, 40c; pkt., 15c

MARIGOLD GIGANTEA SUNSET GIANTS

(See E. on page 59)

2720 They are loosely formed, very full centered with broad, heavy petals gracefully overlapping to make a flower of great depth 5 inches or more across. Sunset Giants is a mixture ranging through golden orange, deep golden yellow, light yellow, lemon yellow, and a delightful new shade of primrose. Height, 3¾ to 4 feet.

Per 1000 seeds, 40c; pkt., 15c

PRIDE OF THE GARDEN

The Popular Old Fashioned Marigold

Produces densely double flowers 2 to 3 inches across. The plants form dense bushes 2 to 3 feet high. For garden display during the summer and autumn months nothing can surpass them.

2727 Canary-yellow.

2728 Golden-orange.

2730 Mixed Colors.

Price of above, per 1000 seeds, 25c; pkt., 10c

AUSTRALIAN TREE Winter Flowering

2738 A very desirable variety, producing pyramidal plants 4 to 5 feet high, blooming from September until frost; excellent for cutting. Flowers are semi-double and double, golden-yellow and brown, produced on long stems. For fall and winter flowering under glass there are few annuals more satisfactory.

Per 1000 seeds, 40c; pkt., 15c

FRENCH

2722 Royal Scot. A selected French sort; very double flowers, golden-yellow, striped maroon red; height, 1 foot. Per 1000 seeds, 40c; pkt., 15c

BUTTER BALL—All America Bronze Medal Winner

2723 An extremely dwarf variety, which is a valuable addition to our annual plants, as a border or edging plant. It develops into a neat, uniform mound, which is covered over an extensive period with its beautiful canary yellow Scabious flowered blossoms. Owing to its dense foliage and the uniform formation of the plant, this variety is also recommended for pot culture.

Per 1000 seeds, 40c; pkt., 15c

SUNKIST—All America Silver Medal Winner

2723A An orange-colored Butterball. It is a dwarf, compact, very early, continuous blooming, dwarf double French Harmony type. 6 to 12 inches tall, flowers are to 1½ inches across. Grand for bedding, edging and pot-culture.

Per 1000 seeds, 50c; pkt., 25c

2724 Harmony differs from all existing forms in its habit and the shape and coloring of its flowers. A bright golden yellow, bordered with rich maroon red. Plants about 12 inches high, bushy habit.

Per 1000 seeds, 25c; pkt., 10c

2724A Dwarf Double Harmony Mixture. The plants of this variety grow 12 to 14 inches in height, and have a robust habit of growth. The color range is varied and beautiful, combining all the shades of orange, yellow and mahogany red.

Per 1000 seeds, 40c; pkt., 15c

2724B Golden Harmony. Growing only to a height of 11 inches and being very compact in form. Each flower is quilled scabious type and has a single row of broad guard petals on the outer edge. The color is golden yellow. The plant is literally covered with 1½ to 2 inch flowers.

Per 1000 seeds, 40c; pkt., 15c

2724C Spry. The tiny plants of these Extra Dwarf Double French Marigolds bloom in less than nine weeks from seed; they are the most profuse blooming of all Marigolds. The flowers grow 1½ inches across, and have a bright clear yellow crested center surrounded by several rows of Mahogany-red guard petals. The plants are extremely dwarf and compact, growing about 9 inches high and spreading 15 inches.

Per 1000 seeds, 40c; pkt., 15c

2725 French Double, Mixed. The large, perfectly double flowers measure from 1 to 2 inches across; color, velvety maroon, edged with yellow.

Per 1000 seeds, 25c; pkt., 10c

2726 Robert Beist. A splendid French sort, having flowers of a deep velvety maroon-red; height, 1 foot; good for borders, also as a pot plant.

Per 1000 seeds, 25c; pkt., 10c

2726A Scarlet Glow. Scarlet Glow is the brightest red of all the Dwarf Double French Marigolds. The flowers open a deep scarlet, and as they age they turn to a rich tangerine. They are fully double, 1¾ to 2 inches across. The plants bloom with remarkable profusion, growing 10 inches in height with a spread of 18 inches.

Per 1000 seeds, 40c; pkt., 15c

2737 Ferdinand. The crested centers, composed of dainty tubular florets, are a very striking shade of golden yellow. They are surrounded by a gay single row of broad mahogany-red guard petals. The plants are tall growing, semi-compact and upright. The number and color of the flowers give the garden an air of sprightly cheerfulness.

Per 1000 seeds, 40c; pkt., 15c

LITTLE BROWNIE Tom Thumb

2736 Forms little bushes 6 to 9 inches high, covered with showy blossoms from the early part of June until frost. The flowers are golden-yellow in color, marked with a velvety crimson blotch at the base of each petal. Fine for massing in beds, or for pot culture.

Per 1000 seeds, 25c; pkt., 10c

"An encyclopedia of flower culture boiled down to vest-pocket size," describes our booklet, "Henderson's Flowers for American Gardens," sent free on request

Marvel of Peru

FOUR O'CLOCK (A)

Of bushy habit, 2 feet high, bearing throughout the summer large flowers of white, yellow, crimson or striped. The flowers remain closed until about 4 o'clock in the afternoon.

2750 Mixed Colors.....Per ½ oz., 35c; pkt., 10c

MATRICARIA, Double Feverfew (A)

2765 Snowball. Forms bushy garden plants, bearing snow-white flowers in dense clusters, almost covering the oval plants with bloom; height, 8 inches. Very desirable for bedding and fine for cutting.

2767 Tom Thumb Double Yellow. A dwarf bushy plant about 9 inches high and covered throughout the summer with miniature golden balls. Price of above, per 1000 seeds, 75c; pkt., 10c

MESEMBRYANTHEMUM, Figmarigold (A)

2779 Criniflorum. An ideal plant for rockeries, edgings and crevices between stones, etc.; flowers are crimson, white, rose, yellow; continuous bloomer; height, 6 inches. Mixed Colors. Per 1000 seeds, \$1.00; pkt., 25c

MIGNONETTE, Reseda Odorata (A)

2782 Allen's Defiance. A splendid variety for greenhouse culture; long spikes of flowers. Per 1000 seeds, 30c; pkt., 10c

2786 Odorata Large-flowering. The popular, fragrant garden annual...Per ½ oz., 40c; pkt., 10c

2788 Machet Perfection. Produces broad spikes of fragrant red flowers on strong stems, of continuous-blooming habit. Fine for either garden or pot culture.....Per 1000 seeds, 35c; pkt., 10c

2791 Golden Goliath. The flowers are a deep golden-yellow in color, with spikes of immense size, surpassing both in color and size any golden variety yet introduced. Per 1000 seeds, 50c; pkt., 15c

2792 Red Goliath. The spikes are immense, 6 to 8 inches long by 2½ inches in diameter, and are filled with giant fire-red florets ½ inch across. The fragrance is delightfully rich and powerful.....Per 1000 seeds, 50c; pkt., 15c

2794 White Goliath. The double white-flowering counterpart of the splendid "Red Goliath" offered above.....Per 1000 seeds, 50c; pkt., 15c

MINA LOBATA (CA)

2825 Adapted for verandas, etc. The flowers, an inch across, are borne in large clusters; color, blood-red, changing to orange. Height, 18 to 20 feet.....Pkt., 15c

MOMORDICA, Balsam Apple (CA)

2832 Balsamina. Annual climber; 15 feet; bearing ornamental orange-colored fruits with red interiors.....Per oz., 75c; pkt., 10c



MYOSOTIS
ALPESTRIS
BLUE

Myosotis

FORGET-ME-NOT (P)

ALPESTRIS ERECTA, BLUE SPIRE

2848 This variety, about 12 inches high, upright and symmetrical in growth, bears flowers of a vivid blue, deeper yet brighter than indigo, and produces a marvelous display during the spring and early summer months.....Pkt., 25c

2852 "Blue Eyes." A robust-growing variety of fine constitution, exceedingly free-flowering and bears its bright blue flowers well on the top. It is 12 inches high, upright and compact in growth, each plant making a bouquet of Forget-Me-Nots. Pkt., 25c

Nasturtium (A)

Double Fragrant Varieties

3002 "Golden Globe." This bears large, double, sweet-scented, golden-yellow flowers that made the reputation of the Gleam, but the habit of the plant is quite different. Instead of being a semi-runner, it forms an almost perfect globe.

3008 Dwarf Double Gem Mixture. Compact plants of various colors, bearing good-sized, sweet-scented double flowers. Mixed Colors.

3012 Golden Gleam. The flowers are borne on erect, stiff, 6-inch stems. When fully developed, the plant sends out short runners, also bearing numerous flowers, which add to the usefulness of the plant for the window box or as a pot plant. The long stems lend themselves admirably to cut-flower use, and the flowers emit a delightful fragrance.

3013 Orange Gleam. The color is a deep, glowing orange-scarlet; the sweet scent is very pronounced.

3014 Scarlet Gleam. Dazzling in color; delightfully sweet-scented.

3018 Glorious Gleam Hybrids, Finest Mixed. The color range includes an assortment of brilliant shades of golden yellow, orange, scarlet, cerise, crimson and many spotted varieties.

Price of above, oz., 30c; pkt., 10c

Nasturtium (A)

Single Varieties

CLIMBING, Henderson's Giant-Flowering

2950 Giant-flowering Climbing Nasturtiums. Mixed Colors.

Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50

TOM THUMB, Dwarf Giant-Flowering

3000 Giant-flowering Tom Thumb. Mixed Colors.

Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50



MIGNONETTE
MACHET



MARVEL OF PERU



NASTURTIIUM GOLDEN GLEAM



GIANT FLOWERING
NASTURTIIUMS

The Henderson Garden Fertilizer (See Page 146) contains all the food elements required to produce beautiful annual or perennial flowers



NEMESIA

Nemesia (A)

One of the most colorful of all annual flowers.

These are the varieties of Nemesia which caused quite a sensation when exhibited by us at the International Flower Show held at Grand Central Palace, New York.

Nemesias can be grown at various seasons of the year; in the spring and winter for greenhouse decoration and pot plants, and for summer beds and borders outdoors. For this purpose, seed must be sown in cold frames in March and transplanted to the open ground in May. Height, 8 inches.

- 3022A Dwarf Compact Blue Gem.
- 3023A Dwarf Compact Orange Prince.
- 3025A Dwarf Compact Fire King Scarlet.
- 3026A Dwarf Compact White Gem.
- 3028 Dwarf Compact Mixed.

Price of any of the above, pkt., 15c

3030 Triumph Hybrids. The plants grow 6 to 8 inches high, in bushy form, and bear myriads of brilliantly colored flowers; cream, orange, yellow, crimson, rose, scarlet, etc., lipped with other colors. Mixed Colors..... Pkt., 15c

NEMOPHILA, California Blue-Bell (A)

3040 Splendid annuals, about 1 foot high, for garden decoration; clusters of bright-colored flowers in shades of blue, white and violet, margined, dotted, etc., borne freely all summer long if grown in a rather cool, partially shaded situation. Mixed Colors..... Per 1000 seeds, 25c; pkt., 10c



NICOTIANA HYBRIDS

Nicotiana

Flowering Tobacco (A)

3045 Affinis. The popular, free-flowering variety; fragrant, star-shaped, white flowers; annual; 3 feet high..... Per 1000 seeds, 25c; pkt., 10c

3046 "Crimson Bedder." The Nicotiana affinis has not been found suitable for bedding purposes. This novelty being of dwarf habit, not exceeding 15 inches in height, is very suitable for bedding. The flowers are a rich, deep crimson and freely produced.

Per 1000 seeds, 50c; pkt., 15c

3047 Crimson King. Dark, velvety crimson red. Per 1000 seeds, 40c; pkt., 10c

3050 Affinis Hybrids. Provide continuous display through summer and autumn, flowering in a few weeks from seed sowing. The plants, of branching, bushy habit, 2 to 3 feet high, carry the flowers in clusters, measuring 1½ to 2 inches across, and are very fragrant. Purple, white, dark red, light red, salmon, violet, rose and pink. Mixed Colors..... Per 1000 seeds, 25c; pkt., 10c

NIEREMBERGIA (A)

3054 Hippomanica. We can cordially recommend this beautiful little plant. Not more than 4 to 6 inches high, it forms a cushion of elegant light green foliage from which emerge single saucer shaped flowers of a delicate lavender hue, 1 to 1¼ inches across, adorned with a clear yellow eye. Of highly ornamental effect, we are sure that it will prove a gem as a pot plant and also suitable for borders and edgings; the bloom is very profuse and of a long-lasting character.

Per 1000 seeds, 75c; pkt., 25c

3055 Purple Robe—Bronze Medal. All America Award. A new and welcome addition which bids fair to achieve great popularity for its rich violet-blue, dainty cup-shaped flowers. The plant develops into a small mound, about 6 inches high..... Per 1000 seeds, \$1.00; pkt., 35c

NIGELLA, Love-in-a-Mist (A)

In the finely cut, fern-like green foliage nestle large, double flowers of light blue or white, the charming effect having suggested the popular name of "Love-in-a-Mist." 12 to 15 inches high.

3056 Miss Jekyll, Blue. Large, double, light blue.
3060 Damascena. Double Mixed. The tall type. Price of above, per ½ oz., 25c; pkt., 10c

Henderson's Special Mixed Flower Seeds

4740 A garden may be made in any out-of-the-way place by broadcasting and raking in at the rate of 1 oz. per 100 square feet, mixed with sand or dry soil to secure even distribution.

Price, oz., 25c; ¼ lb., 75c; lb., \$2.50; postpaid

Henderson's New and Improved Pansies (P)

To raise spring-sown Pansies, sow seed thinly in cold frame in March, transplant when the weather is favorable and the plants are of sufficient size.

Or, sow in February in window box at temperature of 65 degrees. When large enough, transplant 2 inches apart, and to open ground later. "How to Grow Pansies," our booklet on culture, is sent free to all applicants.

HENDERSON'S MAMMOTH BUTTERFLY

3120 We recommend this superior strain, selected from giant flowering varieties of fine substance and form. It contains an excellent range of color, including carmine, ruby, rose, bronze, blue, purple and yellow, all beautifully blotched and marked. A wonderful blend of the choicest colors.

Per 1000 seeds, \$1.25; pkt., 25c

SWISS GIANT or Roggli's Hybrids

These varieties were raised by a Pansy Specialist in Switzerland and have created a decided sensation in floricultural circles.

The plants are very robust, and the very large flowers of heavy texture are carried on strong stems well above the leaves.

3172 Mixed Colors.

3172A Berna. Velvety dark blue.

3173 Cardinal Shades. A selection of many red and crimson sorts.

3174 Lake of Thun. Exquisite in color; rich ultramarine blue, having a darker blue blotch on the petals.

3175 Rheingold. The most intense yellow evolved so far. The three lower petals carry a brown blotch.

3175A Silver Bride. Silver-white with large blotches.

Price of above, per 1000 seeds, \$1.50; pkt., 25c

TRIMARDEAU, Henderson's Giant

The popular variety for beds and borders.

Years of selection have evolved this superior type. The plants are of robust growth, deep-rooting, and drought-withstanding. The flowers have size, substance, form and a large range of color.

3240 Mixed Colors.

Per oz., \$6.00; 1000 seeds, 75c; pkt., 15c

OENOTHERA, Evening Primrose (B)

Fine for mixed borders. Grows in branching form, 2 feet in height, and produces freely large, single yellow flowers. They open every evening and last well into the following day.

3071 Lamarkiana..... Per 1000 seeds, 25c; pkt., 10c

PENTSTEMON (P)

This should be grown as an annual, as they are then a valuable addition to beds and borders in summer.

3285 "Sensation." A Giant Gloxinia-flowered type. The graceful spikes, about 2 feet high, carry flowers 2 inches across from July until frost. The colors and markings are varied from pink to scarlet and maroon, all blotched and veined with other colors.

Mixed Colors..... pkt., 15c

NIEREMBERGIA PURPLE ROBE



MAMMOTH BUTTERFLY



Petunias (A)

The Gayest Free-blooming Annual Flowers

The Petunia is a plant of many uses. It thrives as well on the seashore as on high mountainous altitudes; it adapts itself to formal or informal gardens, and can be used in the perennial border or rock garden to produce spots of color during the summer months. The Petunia combines well with most garden flowers, and a garden composed entirely of Petunias is indeed a gladsome thing.

GIANTS OF CALIFORNIA, Single

A well-balanced mixture containing many beautiful colors with plain and ruffled edges. The seed is selected from the choicest plants.

3360 Mixed Colors. Per 1000 seeds, \$1.00; pkt., 25c

CALIFORNIA GIANT, New Dwarf

3365 A dwarf, sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well-marked throats. Mixed Colors.

Per 1000 seeds, \$1.50; pkt., 50c

SINGLE DWARF, COMPACT BEDDING

Dense, bushy little plants, about 8 to 12 inches high; the flowers, while not large, in their profusion fairly hide the plants.

3292 *Celestial Rose*. Deep rose with white throat; dwarf and compact. An improved type of *Rose of Heaven*. Per 1000 seeds, 75c; pkt., 15c

3299 *Ladybird*. A dwarf compact, very deep rose colored variety. The plants are uniform and bloom over the entire season, color the deepest topaz-rose. Per 1000 seeds, \$1.25; pkt., 25c

3301A *Martha Washington*. Flowers ruffled pink veined, wine red edge. Per 1000 seeds, \$1.00; pkt., 25c

3304 *Norma*. Velvety-blue, with white center. Per 1000 seeds, 60c; pkt., 10c

3305 *Periwinkle*. The color is a delightful shade of pastel blue. The flowers are large and the plant is compact. Per 1000 seeds, \$1.00; pkt., 25c

3306 *Rosy Morn or Pink Mound*. Rosy-pink with white throat, very popular. Per 1000 seeds, 75c; pkt., 10c

3307 *Rose of Heaven*. A fine bedding sort, color brilliant rose. Per 1000 seeds 75c; pkt., 10c

3307A *Salmon Supreme*. Flowers light salmon, white throat, continuous bloomer; height, 1 foot. Per 1000 seeds, \$1.00; pkt., 25c

3310 *Compacta*, Mixed Colors. Per 1000 seeds, 60c; pkt., 10c

BEDDING, Single Striped and Blotched,

Large-Flowering

The strain of seed we herewith offer is our very finest selection from this type of Petunia, producing large, single flowers; height, 1 foot.

3370 Mixed Colors. Per oz., \$3.50; 1/4 oz., \$1.00; pkt., 10c

PETUNIA, IGLOO (Bronze Medal)

3298 Igloo is just about the most reckless blooming, white hybrida nana compacta so far developed. Plants are very uniform and compact growing, 12 to 15 inches tall. The small, 1 1/2 inch creamy white single flowers with yellowish throats cover the plants in a sheet of bloom from early to late in the season. Excellent for beds or borders.

Per 1000 seeds, \$1.25; pkt., 25c

GIANT SINGLE

Our strain is of incomparable beauty and size. Most of the flowers are exquisitely ruffled or fringed on the edges, and all are of enormous dimensions, 4 to 5 inches across.

3332 *Aurora*. Rose-pink, veined crimson.

3333 *Coerulea*. Fringed light blue flowers.

3334 *Fimbriata Alba*. White, with yellow throat.

3335 *Elks Pride*. A large flowering and profuse blooming variety, color Elks Purple; a very desirable sort.

3337 *Flaming Velvet*. Brilliant velvety scarlet.

3338 *Kermesina*. Deep crimson.

3346 *Royal Purple*. Rich royal purple.

Price of above, per 1000 seeds, \$1.00; pkt., 25c

The Most Beautiful of All White Petunias SNOWSTORM

3350 A beautiful large flowering plain-edged pure white variety, very free flowering, and we consider it the best, pure white sort for bedding or pot culture.

Per 1000 seeds, \$1.00; pkt., 25c

3362 *Setting Sun*. Compact little bushes about 1 foot high, covered with beautifully fringed rose-pink blossoms 3 inches across.

Per 1000 seeds \$1.25; pkt., 25c

HENDERSON'S Glorious Collection (Shown in Colors on Page 62)

FLUFFY RUFFLES, A Modern Giant Single Fringed Variety

3375 This beautiful variety bears large flowers 3 to 4 inches in diameter, embracing many beautiful colors: crimson, pink, lavender, white, mottled, etc. Many of the flowers have yellow throats, while others are deeply lined and netted on a white, pink or lavender ground. The flowers are beautifully ruffled, frilled and fringed. Mixed Colors.

Price per 1000 seeds, \$1.00; pkt., 25c

GLOW, Hybrida Nana Compacta

3297 The dazzling carmine red of the flowers and the dwarf, bushy growth makes this Petunia an item of rare beauty. The flowers are borne in great profusion.

Price per 1000 seeds, \$1.25; pkt., 25c

FIRST LADY, Hybrida Nana Compacta

3296 Silver Medal, 1941 All-America Selections. This is the clearest of pinks—a distinctly new shade of light pink. The flowers measure 2 1/2 inches across, and are borne in great profusion on the dwarf, bushy plants. The flowering season is particularly long.

Price per 1000 seeds, \$1.25; pkt., 25c

SILVER BLUE, Hybrida Nana Erecta

3309 One of the loveliest delicate blue Petunias in cultivation. The fine dwarf compact plants are covered all summer with the lovely light blue blossoms.

Price per 1000 seeds, \$1.00; pkt., 25c

CREAM STAR, Hybrida Nana Compacta

3293 A beautiful variety, producing star-shaped flowers of soft creamy white. Extremely free flowering. Fine, compact, bushy habit.

Price per 1000 seeds, \$1.00; pkt., 25c

NEW PETUNIA GLAMOUR (Shown in colors on page 57)

Awarded Honorable Mention by 1942 All-America Committee

3341 This is one of the loveliest Petunias we have ever grown. The flowers range from four to five inches across, they are artistically waved and ruffled, and the color is a beautiful salmon rose with golden brown veining on the white throat; brilliant in the garden and glorious under artificial light. It is continuously in bloom and is the object of much admiration wherever grown. The plant attains a height of from 15 to 18 inches. Pkt., 50c

3381 Special Offer: one packet each of six varieties \$1.50



Petunias (A)

Newest and Most Improved Varieties

Many lovely combinations can be produced with the various types of Petunias. They blend splendidly with Ageratum, Antirrhinum, Begonias, Centaurea Cyanus and Centaurea Imperialis, Heliotrope, Annual Larkspur, Nemesis, Phlox and others. The seed of all but the double varieties may be sown directly in the open ground after danger from frost is over. Double Petunias should be started indoors during the early spring months.

DOUBLE VARIETIES

"GIANTS OF CALIFORNIA", Double

These are as large as Hollyhocks and very double. The edges are fringed, petals fluted and crinkled, intensifying and varying the colors with high lights and dark shadows. They come in a variety of colors—selfs, blotched, veined, margined, etc.; in short, these Double Petunias are unsurpassed by any other strain.

3320 Mixed Colors Pkt., 50c

NOTE—This strain of Double-flowering Petunias does not produce seed. The pollen from the doubles is transferred to the chosen singles which produce seed, so only about one-third of the flowers will be double and these in the seeding stage are always the weaklings of the batch and are the ones to be transplanted.

ALL-DOUBLE, AMERICA (Silver Medal)

3322 The first all-double Petunia to be produced in America. America is the all-double type, of medium size, carnation-flowered, and mauve-pink in color, Petunia America is a hybrid nana, an abundant bloomer from early summer to frost, for bedding and cutting. It is uniform and true. Height 10 to 12 inches Pkt., 50c

APPLE BLOSSOM

3324 Ideal dwarf plants with large fringed flowers of pleasing apple blossom pink. It is extremely popular and can be depended upon to come true and double from seed Pkt., 50c

ORCHID BEAUTY

3325 A new shade in this type of Petunia; the color is a beautiful shade of orchid or light lilac, veined deeper with violet; contains some semi-double flowers, but mostly double when mature. Pkt., 50c

BLUE BROCADE

3327 The color of this variety is the most beautiful shade of blue we've ever seen in a Petunia. It may be described as a rich velvet-like violet-blue. The beauty of the color is further enhanced by the form of the flowers, for BLUE BROCADE is a delightfully fringed all-double variety. The blooms are fully 3½ inches across and almost 100% true. The plants grow dwarf and bushy and about 10 inches in height Pkt., 50c

"TRIUMPHANT" All Double Giant Fringed

3331 We offer seeds direct from the producer, who claims they will grow 100% double flowering plants. Beautiful colors, as carmine, brilliant rose, velvety purple, violet, white, creamy yellow, variegated, etc. Mixed Colors. Pkt., 50c



BLUE BROCADE

BALCONY PETUNIAS

The Balcony Petunias are particularly recommended for window boxes. The showy flowers, 3 inches in diameter, are produced in great abundance from early summer until frost.

- 3311 Star of California. Velvety violet with a touch of crimson, starred with white blotches.
3312 Balcony Blue 3314 Balcony Rose
3313 Balcony Crimson 3315 Balcony White
3316 Balcony Mixed

Price of above, per 1000 seeds, 75c; pkt., 15c

MINIATURE RUFFLED "BETSY ROSS"

3295 The color is red and white, with the white blending to golden and the red blending to very deep red in the throat. The blooms are 2½ inches in diameter and well ruffled with a good open throat. The plants are uniform and compact and completely covered with blooms. Height about 8 inches. Pkt., 25c

HYBRIDA, HOLLYWOOD STAR

3337A Distinctive novelty with 5-pointed, star-shaped flowers of rose-pink with creamy-yellow throats. Leaves are narrow and elongated, plants bushy, erect, growing taller toward the end of season. Early blooming and prolific all season. Per 1000 seeds, \$1.00; pkt., 25c

MINIATURE or GEM VARIETIES

3303 Pink Gem. It forms a compact plant 5 to 6 inches high, smothered with deep pink blooms. Fine for window boxes, pots, rock gardens and for bedding.

3301 Rose Gem. It is the rich deep rose that has made Petunia Rose of Heaven so popular. The plant is 5 to 6 inches high and smothered with blooms about 2 inches in diameter.

3309A Violet Gem. This variety is a true miniature in every respect. The plants are neat, dwarf and compact—the blooms are just the size you would expect to find on this type of plant. The rich violet-blue blooms are so plentiful that they all but hide the clean, dark green foliage.

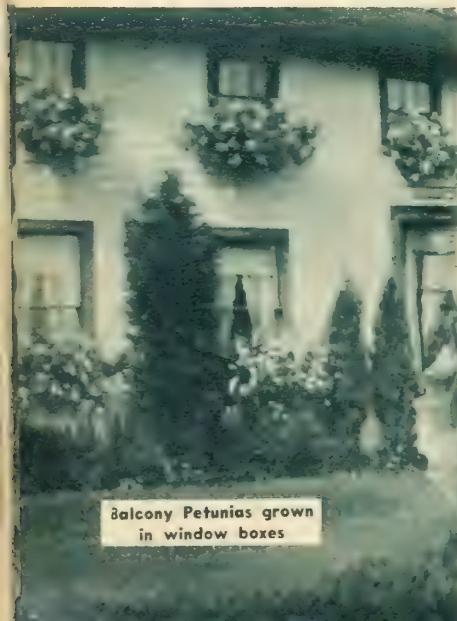
Price of each of above named varieties, per 1000 seeds, \$1.00; pkt., 25c

AMERICA



VIOLET GEM

Balcony Petunias grown in window boxes



Phlox Annual Varieties

DRUMMONDII

For beds nothing can surpass these beautiful annuals. Separate colors, planted in separate beds, or the scarlet or pink surrounded by the white, or planted in designs, will form a floral picture. They produce immense trusses of large, brilliant flowers throughout the summer; 1½ feet high.

- 3382 Alba. White.
- 3383 Brilliant Rose. Pink and rose.
- 3384 Chamois-Rose. Salmon-pink, orange eye.
- 3385 Coccinea. Brilliant scarlet.
- 3387 Isabellina. Yellow, garnet eye.
- 3388 Lilac.
- 3390 Mixed Colors.
- Price of above, per 1000 seeds, 75c; pkt., 15c
- 3391 "Brilliant" Collection, 1 pkt. each of the above 6 varieties.....75c

GIGANTEA ART SHADES

3396 It has a wonderful range of color in soft art shades. The colors range as follows, salmon with white eye, soft rose with white eye, light blue with white eye, light mauve with cream eye, etc.....Per 1000 seeds, 75c; pkt., 15c

3397 Salmon Glory. This huge flowered variety has soft but rich salmon-pink florets with wide, creamy-white eyes. A grand variety for bedding and cutting.....Per 1000 seeds, \$1.00; pkt., 25c

1398 Red Glory. This lovely new Phlox is derived from a parentage of consistent Award Winners, beginning with the Gigantea Art Shades, which won the Silver Medal in 1935. Red Glory makes a fine proportioned plant, slightly over 1 foot high. The flowers are brilliant red, with a white eye, producing a sharp contrast that tends to add sparkle and brilliance to the flower. It is a constant bloomer, and should prove to be a valuable addition to the garden.....Per 1000 seeds, \$1.00; pkt., 25c



PHLOX DRUMMONDII—Always Gay and Brilliant

Physalis Chinese Lantern Plant (P)

3415 Franchetii. Has come into favor for the decorative value of its orange-scarlet lantern-shaped pods. Although a perennial, the pods are produced the same year from spring-sown seed. Height, 2 feet.

Per 500 seeds, 50c; pkt., 15c

Henderson's Special Mixed Flower Seeds

4740 A garden may be made in any out-of-the-way place by broadcasting and raking in at the rate of 1 oz. per 100 square feet, mixed with sand or dry soil to secure even distribution.

Price, oz., 25c; ¼ lb., 75c; lb., \$2.50; postpaid

Platycodon Chinese Bell-Flower (P)

Hardy perennial, bearing large, broad, bell-shaped white or blue flowers; fine for garden decoration; 1½ feet.

3420 Grandiflora. Mixed Colors.
Per 1000 seeds, 75c; pkt., 25c

3425 Mariessii. (Wahlenbergia grandiflora nana.) Very handsome variety, forming dense, little round bushes about 12 inches high and bearing bell-shaped flowers about 3 inches across of white and varying shades of blue, lavender and purple. Mixed Colors.

Per 1000 seeds, \$1.00; pkt., 25c

DOUBLE POPPIES—In accordance with a ruling of the Federal Narcotics Department, it is illegal to cultivate any varieties of Poppies from which opiates may be extracted. These include Double Carnation Flowered, Giant Double, etc.

Poppy Henderson's Selected

Annual Varieties

AMERICAN LEGION

3444 An improved variety of Flanders Poppy; color brilliant orange-scarlet.

Per 1000 seeds, 25c; oz., 75c; pkt., 10c

ENGLISH SCARLET FIELD

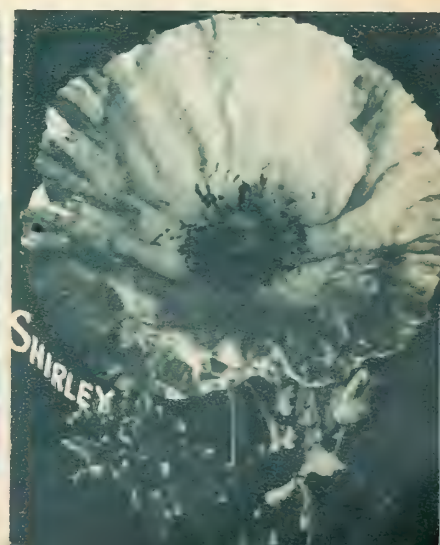
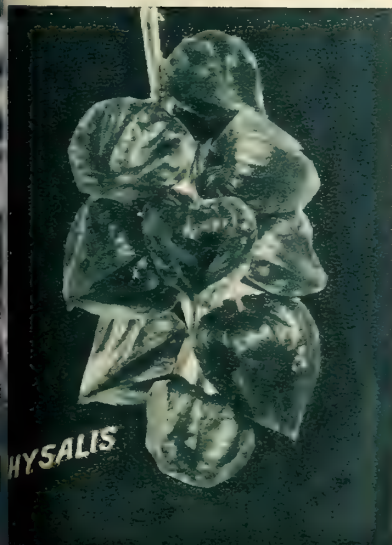
3465 The famous Scarlet Poppy of the English fields.....Per 1000 seeds, 25c; oz., 75c; pkt., 10c

SHIRLEY, Henderson's Extra Select

The flowers are fluted and crinkled, resembling crumpled satin. The plants are about 12 inches high, well branched, and continue in bloom for weeks. Seed must be sown where the plants are to grow, as they will not stand transplanting.

3470 Mixed Colors.

Per 1000 seeds, 25c; oz., 75c; pkt., 10c





Poppy

PERENNIAL VARIETIES

ICELAND (*Papaver nudicaule*)

These dwarf Poppies bloom the first season from spring-sown seed. The fragrant, crushed-satin-like flowers are produced from the beginning of June to October; fine for cutting.

3480 Mixed Colors.

3471 Sunbeam. Contains many new colors, including straw, cream and many rose tints. Mixed Colors.

Price of above, per 1000 seeds, 60c; pkt., 15c

3481 Fakenham Hybrids. A great improvement on the Iceland. Mixed Colors.
Per 1000 seeds, 75c; pkt., 25c

3481A Yellow Wonder (*Nudicaule Amurense*). A giant flowering variety, strong grower, blooms rich yellow Per 1000 seeds, 75c; pkt., 25c

ORIENTAL Hardy Giant (*Papaver Orientale*)

Among hardy perennials these hold an unrivaled position for gorgeous effectiveness in gardens and hardy borders. Height, 2 to 3 feet. Flowers immense, often 6 inches or more across. They are also grand, cut in bud state, for vases. The seed should be sown in the open ground in June or July in order to bloom the following summer.

3486 Mrs. Perry. Delicate pink, black blotch. Pkt., 25c

3490 Oriental Hybrids. Mixed Colors.
Per 1000 seeds, 75c; pkt., 25c



Portulaca

Rose Moss or Sun Plant (A)

For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink striped, white, etc.

3500 Double. Mixed Colors. The flowers are like little roses
Per 1000 seeds, 75c; pkt., 25c

3510 Single. Mixed Colors.
Per 1000 seeds, 50c; pkt., 15c

Primula Primrose (TP)

3525 Obconica Gigantea. These "Ever-flowering Primroses" are favorite pot plants for the house, producing flowers measuring 1½ inches across. Several colors in mixture; white, crimson, rose, violet, lilac, pink-eyed sort, etc. Mixed Colors.
Pkt., 25c

NEW ORIENTAL POPPY, SALMON SHADES

3488 This is a new hybrid strain of the popular Hardy Perennial Oriental Poppy, which is extremely vigorous in growth. Under favorable conditions, the flower stems attain a height of from 3 to 3½ feet. The flowers also are very large, ranging from 5 to 6 inches in diameter. The color range is most pleasing. Many flowers are pure salmon and others produce lovely salmon tints. The plant is perfectly hardy and blooms over an extended period, from early summer to early autumn Pkt., 25c



PRIMULA OBCONICA

Pyrethrum

3552 Aureum (A), Yellow-leaved Golden Feather. This is also a perennial variety, but is usually grown as an annual. Dwarf plants about 8 inches high, used for ribbon and carpet bedding; foliage of bright yellow.

Per 1000 seeds, 25c; pkt., 10c

Ricinus

Castor Oil Plant (A)

3572 Borboniensis. Immense green foliage; 15 ft.
Per oz., 35c; pkt., 10c

3580 Mixed Varieties.

Per lb., \$3.50; oz., 35c; pkt., 10c

3585 Zanzibariensis (Mixed). Leaves green, brown or purplish Per oz., 35c; pkt., 10c

RUDBECKIA, Kelvedon Star (A)

3592 This is a rampant grower, reaching 3 feet in height. Sowings should be made indoors in February and seedlings planted out during second week of May; by July it will fill in the bed and flower till cut down by frost. The flowers have brown central discs, with mahogany zone on petals of deep golden yellow Pkt., 25c

"An encyclopedia of flower culture boiled down to vest-pocket size," describes our booklet, "Henderson's Flowers for American Gardens," sent free on request!



RICINUS ZANZIBARIENSIS



HARDY ORIENTAL POPPY



RUDBECKIA
KELVEDON STAR

Salpiglossis

EMPEROR (A)

Painted Tongue

The immense, Petunia-like flowers are borne on sturdy, branching plants, 24 inches in height. The colors are intricately netted, penciled and veined with golden-yellow or other colors and flower profusely during the summer. They have excellent keeping qualities as cut flowers.

3610 Mixed Colors. This mixture is an inspiration to those who are artistically minded. It is a marvelous blend of richest crimson and gold, lovely blues and royal purples, etc. All are exquisitely penciled and marbled. Per 1000 seeds, 40c; pkt., 10c

3602 Light Blue. Veined gold. See L page 59
3603 Bright Crimson.
3604 Golden-Yellow.
3606 Lilac. Veined gold.
3607 Pink.
3608 Purple-Violet. Veined gold.
 Price of above, per 1000 seeds, 50c; pkt., 10c
3611 Collection of above, 6 separate colors. 50c

NEW DWARF GIANT FLOWERING

All the plants are bushy and compact in growth, growing to a height of 30 inches, which is about 8 inches shorter than the spreading Emperor type. No vigor has been lost in shortening the plants, and they will survive a hot summer and outlast the old strain. The flowers are formed in a group or cluster at the head of each plant. They considerably surpass other sorts in size and color combination. This strain is excellent for bedding and cutting purposes.

3612 Red Star. Wide red stripes spread starlike from a golden yellow throat. The ground color is light chamois. This color combination is entirely new in Salpiglossis.

3614 Blue and Silver. Here is an entirely new Salpiglossis color. Instead of the usual gold markings, this fine novelty sets off its deep mid-blue color with silver veins. Every flower is glistening gold at the base of its throat, and this seems to enhance the shimmering markings of the open face.

3616 Velvety Violet. The flowers are a solid deep violet right to the base of the throat, and they have such a fine texture that they show a velvet sheen.

3617 Mixed Colors.

Price for any of above—per pkt., 25c

The Popular Blue Salvia

3631 Farinacea Blue Bedder. The plants grow from 4 to 5 feet tall, having long spikes of light blue flowers. Seed sown indoors in February will bloom in August. This is quite distinct from Salvia Splendens.

Per 1000 seeds, \$1.00; pkt., 15c



Salvia

Scarlet Sage (TP) (but grown as an Annual)

They are easily raised from seeds sown in February or March in the greenhouse or hotbed, the seedlings being transferred to the open garden about the end of May. They bloom profusely from July until frost.

3619 Blaze of Fire. Bred primarily for dwarfness and for early flowering. That these objects have been attained is proven by the fact that this plant does not grow over 12 inches in height, and that it begins blooming at least 10 days earlier than any other early flowering Salvia. Per 1000 seeds, \$2.00; pkt., 25c

3622 Bonfire. Very compact, oval bushes, 2½ feet high; brilliant scarlet flowers. The spikes stand out stiff and erect; over 200 to a plant is not unusual and they bear from 20 to 30 flowers each. Per 1000 seeds, \$1.50; pkt., 15c

3623 Harbinger. Plants raised from seed sown at the end of February commence to produce spikes of dazzling scarlet flowers early in June and until frost. Per 1000 seeds, \$1.50; pkt., 25c

3624 Scarlet Dragoon. The flowers are nearly double the size of the old Salvias. Fully grown plants in bloom form compact bushes 3 feet across by 3 feet high, and bloom from ground to summit. Per 1000 seeds, \$1.50; pkt., 15c

3626 Splendens. The old favorite bedding variety producing during the summer and fall dazzling scarlet flowers in profusion. Height, 2 feet. Per 1000 seeds, \$1.25; pkt., 15c

3628 Tom-Thumb Zurich. Of dwarf, compact growth, forming oval bushes 15 to 18 inches high, thickly studded with fine spikes of scarlet flowers. Per 1000 seeds, \$1.50; pkt., 25c

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Scabiosa (A)

Mourning Bride or Pincushion Flower

Annual Varieties

These varieties of *Maxima Plena* represent an improved type of this old garden favorite; the flowers are continuous until frost. They measure 6 to 8 inches in circumference, are double clear to the center, and have long stems. Their delicate fragrance make them favorites in the garden or for cutting purposes.

3650 Mixed Colors. A pleasing array of harmonious colors. Lovely in combination in beds or in the hardy border for summer flowers. Per 500 seeds, 40c; pkt., 10c

3642 Azure Fairy. Light blue.

3643 Cerise. Lovely cerise-red.

3644 Cattleya. The color is a rich rosy lilac of the beautiful orchid tone.

3645 Loveliness. Soft, delicate salmon-rose.

3646 Golden Yellow.

3647 Royal Purple.

3648 Snowball. Pure white.

Price of above, per 500 seeds, 50c; pkt., 10c
3651 Collection of above 7 separate varieties 60c

BLUE MOON

3652 Large deep lavender-blue flowers. wiry basal branching, erectly held stems. This is of the bee-hive shape, deep and wide, covered with petals and without the pincushion tops. Per 500 seeds, 75c; pkt., 15c

PEACE

3654 Peace is pure white without the slightest tinging of pink or mauve. The flowers are 1½ to 2 inches across, of perfect form, almost spherical in shape. The sturdy plants grow 2 ft. in height. Per 500 seeds, 75c; pkt., 15c

Perennial Varieties

Scabiosa is one of the most desirable of the hardy plants for cutting purposes.

3656 Caucasica Alba. A pure white variety; counterpart of the Perfecta; the flowers measure 3 to 4 ins. across. Per 500 seeds, 75c; pkt., 25c

3657 Caucasica Perfecta. Forms dense, spreading plants 2 to 3 feet high. The semi-double flowers, 3 to 4 inches across, are poised on stalks 1½ to 2 feet long, making them of exceptional value for cutting. Color a beautiful lilac-blue, shading to deep blue. Per 500 seeds, 75c; pkt., 15c

3657A Isaac House Giants Hybrids. A greatly improved type of Caucasica, colors light, dark blue and various mauve and lilac shades. Mixed Colors. Per 500 seeds, \$1.00; pkt., 25c

3658 Japonica. A new variety, 2½ to 3 feet in height and breadth; elegant light green foliage. Flowers 2 to 2½ inches across on long, wiry stems 15 to 20 inches in length. Color, mauve or lavender-blue. The plant flowers from the end of June until late in autumn. Per 500 seeds, 50c; pkt., 10c





SCHIZANTHUS



COLOSSAL STOCKS



STATICE

Schizanthus (A)

Butterfly Flower or Poorman's Orchid

Our strains are valuable for pots and decoration. In the garden sow the seed directly outdoors late in spring where the plants are to grow, as they do not transplant readily. The plants begin blooming in about two months' time. The Schizanthus is a superb cut-flower. Arranged in a vase, it resembles sprays of orchids and keeps in splendid condition for a week or more.

3670 Dr. Badger's Giant Flowering Hybrids. A super strain, robust and bushy, 1½ to 2 feet in height, with bright green, fern-like foliage. The flowers measure from 1 to 1¼ inches across. The light varieties, white, pink, buff-rose or yellow, have marked centers. The darker sorts are of purple, mauve or red, margined by a deep tone of the ground color. **Mixed Colors.**

Per 1000 seeds, 75c; pkt., 25c

3675 Wisetonensis Hybrids, Large-flowering. **Mixed Colors.** Beautiful colors and combinations in great variety. Per 1000 seeds, 75c; pkt., 25c

SMILAX (TP)

3685 Charming, tender climber for greenhouse or window gardens; the foliage and stems are of a pleasing light green; very graceful. Excellent for decoration. Per 500 seeds, 50c; pkt., 10c

Star of Texas

Xanthisma Texanum (A)

3688 Flowers are light canary-yellow with a lighter colored center; single, daisy-like, with long, pointed petals. Stems are thin and strong, and although they are not very long, they are suitable for cutting. Does well in dry, open places. Bushy, erect plants, 1½ feet high; very free blooming. **Pkt., 25c**

STEVIA SERRATA (A)

3700 The plants bear a profusion of pure white, fragrant flowers all summer and fall.

Per 1000 seeds, 50c; pkt., 15c

STATICE, Sea Lavender (A)

These new varieties are used when dried for winter bouquets. They are also valuable for growing in rockeries; plants 2 feet high.

3691 Puberula. Flowers 5 months after sowing, grows only 4 to 6 inches high and forms large, magnificent dark violet blooms. It can be used for pots and in the open, also in rock gardens. **Pkt., 25c**

3692 Sinuata Atrocoerulea. Dark blue.

3693 Bonduelli. Lemon yellow.

3698 Sinuata Rose. Brilliant rose.

Price of above, pkt., 10c

STOCK, ROSE STANDISH



Stocks (A)

"Beauty" or "Giant Nice"

The plants in flower stand about 2 feet in height. The side branches each carry a tall spike, furnished with large, clove-scented flowers. They do not flower as quickly as Ten-week Stocks, requiring from 12 to 15 weeks. When grown for winter flowering, sow the seed in July or August. As cut flowers they are unsurpassable.

3703 Beauty of Nice. Exquisite flesh-pink.

3704 Crimson King. Brilliant velvety crimson.

3706 Light Violet. Extra fine.

3707 Madame Rivoire. Double white.

3708 Queen Alexandra. Rosy lavender.

3709 Rose of Nice. Carmine-rose.

3720 Mixed Colors.

Price of above, per 1000 seeds, 75c; pkt., 15c

3721 Collection of Beauty Stocks. One packet each of the 6 separate varieties. **75c**

DOUBLE GIANT EXCELSIOR

(Improved Column)

Non-branching, producing one flowering spike. A beautiful sort particularly adapted for greenhouse culture producing one stem 2 to 2½ feet long set with fine double flowers, the blooms appear when the plant is about 1 foot tall.

3722 Apple Blossom.

3726 Pink.

3723 Crimson.

3727 White.

3724 Dark Blue.

3730 Mixed.

3725 Lavender.

Price of above, per 500 seeds, 75c; pkt., 25c

3731 Collection of 6 Giant Excelsior Stocks \$1.00

Colossal Ten Weeks

This is without rival for open-ground planting, attaining a height of 2½ feet; the spikes of bloom are long, and the individual flowers are very double. They are easily grown and are highly fragrant. They should be given good, rich soil to grow in.

3732 Blue Bells. Pretty shade of blue.

3733 El Dorado. Sulphur-yellow.

3734 Grand Rouge. Brilliant crimson.

3736 Mont Blanc. Purest white.

3737 Rosy Morn. Delicate rosy-flesh.

3740 Mixed. Brilliant colors.

Price of above, per 1000 seeds, 75c; pkt., 15c

3741 Collection of Colossal Stocks. One packet each of the 5 separate varieties. **60c**

Large-Flowering Ten Weeks

Favorites for garden decoration; flowers double, of various colors and very fragrant.

3745 Cut-and-Come-Again Princess Alice. The branching plants, about 2 feet high, produce continuously from summer to fall, double white flowers, splendid for cutting.

Per 1000 seeds, 75c; pkt., 15c

3750 Double Mixed.

Per 1000 seeds, 50c; pkt., 10c

Early Colonial Branching

Here for the first time is a tall and really exclusively branching type of stock. This new strain blooms about two weeks earlier than the perpetual branching class, and grows to a height of two to two and one-half feet.

Unlike many strains, the new early Colonial does not produce a center spike, and consequently does not require pinching back to make it branch. From the base of each plant eight to ten heavy 30-inch branches spread out and produce a plant 20 inches in diameter. The large florets are formed on spikes 12 to 15 inches long.

3755 Rose Standish. A magnificent large-flowered bright rose. A fine color for cutting and one that shows off to advantage under artificial light.

3752 Mayflower—Red Rose. **3753 Priscilla—Silvery-Lavender.** **3754 Puritan—Pure White.**

3760 Mixed Colors

Price for any of above—per pkt., 25c

Stock, Gardenia

3748 This remarkable, new Giant Column Stock is indeed the last word in perfection for its class. Shimmering glistening white, the flowers are the purest snow white of any Stock variety yet introduced. Producing only one flower spike to a plant, this spike will, however, be of enormous size, 12 inches to 15 inches of florets and nearly 3 feet in length, and 4 or even 4½ inches in depth, with individual florets closely and compactly placed on the stem. The robust habit and uniformity of type, combined with a high percentage of doubles, places Gardenia definitely in a class by itself. Especially recommended for greenhouse culture.

Per 500 seeds, \$1.00; pkt., 25c

\$2.50

PERENNIALS
POST
PAID



"Hardy Border" Perennial Collection

See Diagram of Varieties Illustrated

4715—Special Offer: One packet each of the 17 varieties, \$2.50

—Perennials renew their beauty every spring, and will keep a garden a-bloom all the season. This collection consists of 17 of the most popular and easily-grown sorts which will bloom the year following the sowing of

seed. A few often flower the same year, if the seed is sown early in spring. Perennial flower seed can be sown in the open ground from early spring to about August 1st in the latitude of New York.

The letter preceding each variety refers to the letter on the Plate. Our pamphlet, "A Perennial Flower Garden from Seed," sent with every collection

A 2090—Delphinium. Henderson's single and double, superb hybrids. Mixed colors.

E 1994—Coreopsis Mayfield Giant. Rich yellow flowers.

I 1150—Aquilegia, or Columbine. Mixed colors.

1057—Alyssum (Saxatile Compacta). Not illustrated.

B 2440—Hollyhock. Hardy, extra choice, double mixed.

2150—Dianthus Plumarius (Pheasant's eye pinks). Mixed colors. Not illustrated.

J 2846—Myosotis, Blue Spire. Forget-me-not.

4480—Tritoma (Torch Lily). New hybrids. Mixed colors. Not illustrated.

C 2170—Digitalis. Mixed colors.

G 1670—Canterbury Bells. Mixed.

K 1896—Chrysanthemum (Shasta Daisy).

O 3657—Scabiosa. Hardy, 2 to 3 feet high. Flowers semi-double lilac-blue.

D 3490—Poppy. Giant Oriental. Mixed colors.

H 4455—Sweet William. Henderson's Perfection, double, large-flowering. Mixed.

L 1760—Carnation. Hardy garden. Finest double mixed.

P 2250—Gaillardia. Portola Hybrids. Giant hardy hybrid. Mixed colors.

Q 1470—Asters, Hardy. New, large flowering. Mixed colors.



HENDERSON'S
Harmonious
COLLECTION OF
SIXTEEN GIANT-SPENCER
SWEET PEAS PRICE 1 PKT. EACH **\$1²⁵**

Giant Spencer ORCHID FLOWERED Sweet Peas (A)

Sweet Pea evolution is constantly producing additions to the glorified race of "Spencers," which have superseded the older types, and in this collection we include a number of the most recent.

The characteristics of the Spencer Sweet Peas, grown under congenial conditions, are: robust growth, the plants attaining a height of from 6 to 10 feet, requiring for full development to be from 6 inches to a foot apart. The flowers are giants among Sweet Peas, measuring 2 to 2½ inches across. They are beautifully formed, with huge standards, open and upright, and immense wings gracefully poised. Both standards and wings are daintily waved, the undulations reflecting high lights and casting shadows in the depths, thus showing a varied harmony of tones which greatly enhances the coloring. Three and often four of these queenly blossoms are borne on long, strong stems, rendering them unsurpassable as cut flowers for vases, bouquets and other decorations. Their long-continued profusion of bloom is phenomenal, but accounted for by the fact that a majority of the flowers of true Spencers fall as they fade—before the seed pod is formed—as when Sweet Peas set pods, the flowering diminishes.

Condensed cultural instructions for garden culture under both northern and southern conditions and for winter flowering under glass are given in Henderson's leaflet, "How to Grow Sweet Peas to Perfection," free to customers.

Standard Orchid-Flowered Varieties and Novelties

Price of the following named sorts per pkt. (40 to 50 seeds), 10c; per oz. (400 to 500 seeds), 35c. One ounce will sow a double row twenty feet long.

- 4046 Bonnie Lassie. Blush pink.
- 4049 Bonnie Briar. Sparkling rose-pink.
- 4050 Bridal Veil. Pure white.
- 4055 Chieftain. Beautiful deep mauve.
- 4078 Diana. Rose on cream ground.
- 4096 Flamingo. Orange scarlet cerise.
- 4098 Flora. Clear deep lavender.
- 4114 Golden Dragon. Golden orange, wings orange rose.
- 4224 Mayfair. Shell pink.
- 4245 Olympia. Deep royal purple.
- 4286 Snow White. Solid pure white.
- 4296 Welcome. Dazzling scarlet, strictly sunproof.
- 4297 Windsor Blue. Clear dark blue.

Henderson's Harmonious Collection

Sixteen Giant Spencer Sweet Peas

(Shown in Colors on Opposite Page)

4301 One packet each 16 varieties—\$1.25

4304 One oz. (400 to 500 seeds) each 16 varieties—\$4.00

Key to Plate

- A 4282 Simplicity. Deep chamois pink on cream ground.
- B 4252 Prince of Orange. Deep orange.
- C 4278 Ruffled Rose. Rich rose.
- D 4113 Gigantic. Pure white.
- E 4295 Warrior. Maroon.
- F 4272 Royal Purple. Rich purple.
- G 4051 Capri. Light blue.
- H 4226 Melody. Light salmon pink on cream.

Key to Plate

- I 4116 Grand National. Rich cream.
- J 4080 Discovery. Brilliant chamois pink.
- K 4100 Fluffy Ruffles. Light cream pink.
- L 4279 Ruffled Exquisite. Salmon cerise.
- M 4146 Highlander. Pure lavender.
- N 4277 Rubicund. Bright crimson.
- O 4059 Chinese Blue. Rich deep blue.
- P 4249 Pinkie. Rose pink.

GIANT EARLY FLOWERING

Bloom 4 Weeks Earlier Than the Late Spencers, Under Congenial Conditions Producing Profusely Immense Waved Flowers, "Fours" Predominating on Long Stems

Price of the following named sorts, 15c per pkt.; 60c per oz.

- 4308 Aviator. Dazzling crimson.
- 4310 Boon. Deep salmon pink on light cream ground.
- 4314 Bright Light. A flaming self scarlet. It is absolutely sunproof and, in fact, the brighter the sun, the brighter the color.
- 4315 Eleanor Blue. Bright blue with silver sheen.
- 4316 Exposition Pink. Rich pink.
- 4319 Florist's Rose. Pure rose-pink.
- 4322 Glitters. An attractive orange scarlet.
- 4339 Hope. Pure white.
- 4340 Lavanda. Uniform clear lavender.
- 4341 Marine. This is the clearest of all blues. Both standard and wings carry this truest blue evenly throughout the entire flower.
- 4346 Mother Machree. Coral rose.
- 4370 Shirley Temple. Pale pink.
- 4385 Top Hat. Deep violet blue.
- 4386 Treasure Island. Golden orange.

4300 Henderson's Mixed Giant Spencer Sweet Peas. An unsurpassable mixture. Composed exclusively of Giant Waved Spencer varieties, blended in proper proportions of bright colors, selfs and art tints, also including several new hybrids of exquisite colors and shades.

Price, pkt. (75 to 100 seeds), 10c; per oz. (400 to 500 seeds), 25c; per ¼ lb., 75c; per lb., \$2.50.

4400 Giant Early Flowering Spencer, Mixed. This exquisite strain contains the delightful, characteristic sweet pea colors in infinite variety. The flowers are identical in size and beauty to the named sorts.

Per pkt., 10c; per oz., 50c; per ¼ lb., \$1.50; per lb., \$5.00.

SPECIAL OFFER

Collection of the following Six Popular Giant Early Flowering Spencer Sweet Peas:

- | | |
|-----------------|---------|
| Bright Light | Hope |
| Eleanor Blue | Lavanda |
| Exposition Pink | Top Hat |

4401 One pkt. each \$.75

4402 One oz. each \$3.00

For best results with Sweet Peas, it is imperative to keep the plants free from Aphis. This is accomplished by spraying with Henderson's Nicotine Spray. (See page 144.)



GIANT
EARLY FLOWERING
SWEET PEAS



Stokesia (P)

Hardy Corn Flower

Stokesia blooms the first year from seed sown in any open, sunny position. The plants grow from 18 to 24 inches high, flowering from July till late in October. The flowers, 4 to 5 inches across on long stems, are popular for cutting. 3762 *Cyanea Blue*. Lavender-blue.

Per 500 seeds, 50c; pkt., 15c



Sunflower HELIANTHUS

Annual Varieties

3777 *Giant Russian*. Immense, single yellow flower. Per oz., 15c; pkt., 10c

3779 "*Lilliput Hybrids*." Branching plants, 1 to 4 feet high, producing long-stemmed flowers, 3 to 4 inches across. Various shades of yellow and a percentage of flowers zoned with red, rose, purple, etc.

Per 1/2 oz., 35c; pkt., 10c

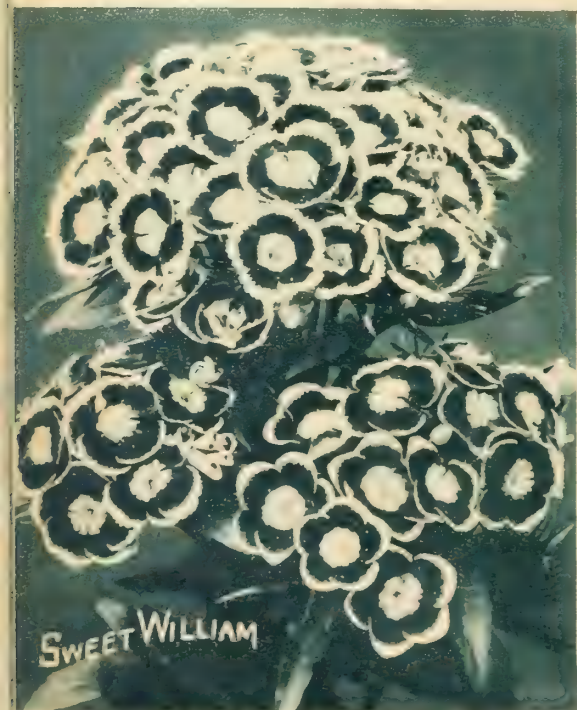
3781 *Maroon Prince*. Maroon Prince is a dwarf-growing strain, single, and the best red. Per 1/2 oz., 50c; pkt., 15c

HENDERSON'S SPECIAL MIXED FLOWER SEEDS

4740 A flower garden may be made in any out-of-the-way place by broadcasting and raking in, at the rate of 1 oz. per 100 square feet, mixed with sand or dry soil to secure even distribution.

Price, oz., 25c; 1/4 lb., 75c; lb., \$2.50

When the last of the gay Annual Flowers bid farewell to your garden in October, then is the time to make ready for the new gardening year by planting Spring Flowering Bulbs. Our Autumn Bulb Catalog is published in September.



Sweet William

Henderson's New Annual

The old favorite Sweet William flowers the second year from seed, but this new type blooms in early summer from spring-sown seed. The plants produce fine heads of bloom of various colors—white, crimson, rose-pink, etc., many of which are broadly edged with white.

4450 *Mixed Colors*.

Per 1000 seeds, 50c; pkt., 10c

Henderson's Perfection (B)

Sweet William (*Dianthus Barbatus*) is one of our finest hardy garden plants, thriving in any good garden soil and lasting years. The plants grow about 1 foot high and form fine clumps.

4455 *Double, Large-flowering Perfection*. Mixed.

Extra choice from a fine collection.

Per 1000 seeds, 60c; pkt., 15c

4459 *Pink Beauty*. (*Newport Pink*.) Large single flowers of pure pink.

4462 *Scarlet Beauty*. Large single flowers of intense scarlet.

4464 *White Beauty*. Pure white.

4470 *Single Large-flowering Perfection*. Mixed. Extra choice varieties.

Price of above,

Per 1000 seeds, 40c; pkt., 10c

Tagetes (A)

The Ideal Border Plant for a Bed of Marigold

4473 *Signata Pumila*. A dwarf marigold, growing 6 to 8 inches tall, covered with golden yellow flowers; splendid plant for edgings and rock gardens

Per 1000 seeds, 35c; pkt., 10c

Sunflower

3783 "*Red and Gold*." The plants grow to a height of 7 to 9 feet. The central stem and main branches bear the large flowers, 4 to 5 inches across. Most flowers have a wide zone of red, surrounding the purplish-black center; the tips of the petals are golden-yellow.

Per 1/2 oz., 25c; pkt., 10c

DOUBLE SUNFLOWER

3806 *Double Chrysanthemum-flowered*. Magnificent flowers 5 to 8 inches in diameter densely double; the petals long and fringed color, rich orange; the plants are 6 to 7 feet high.

Per 1/2 oz., 25c; pkt., 10c

SWEET ROCKET

Dame's Violet (P)

Favorite, hardy plants for the garden border; 2 to 3 feet in height, covered with showy spikes of flowers. The colors range from white through lilac to pink and purple; splendid for cut flowers.

4440 *Mixed Colors*.

Per 1000 seeds, 25c; pkt., 10c

Explanation of the letters following the various species of flower seeds:

- (A) Annual
- (P) Perennial
- (CA) Climbing Annual
- (CP) Climbing Perennial
- (B) Biennial
- (TP) Tender Perennial

Cultural directions printed on back of seed packets.



Tithonia

The Golden Flower of the Incas (A)

4476A Speciosa Early Flowering Strain. One of the most striking of the summer flowering annuals. Outstanding in the garden and a great favorite as a cut flower for artistic arrangements. The flowers are large, rich and velvety. The color is a brilliant orange scarlet. The plant is imposing, the foliage large. It is excellent for background planting or in combination with shrubbery; it attains a height of 4 feet. For best results, the seed should be started indoors in March or April in order to develop good-sized seedlings for setting outdoors in May. **Pkt., 25c**

THUNBERGIA

Black Eye Susan Vine (A)

4475 Alata. Rapid-growing climber; height, 6 to 8 feet. A pretty vine for trellis, fences, rockwork, etc. The flowers are very attractive, being either orange, yellow or white with jet black centers. The leaf petioles are curiously ringed and the leaves deeply toothed. Though a tender perennial, it is usually grown as annual. **Mixed Colors. Pkt., 15c**

TRITOMA

Torch Lily (P)

Popularly known as "Torch Lilies," "Red-hot Poker," "Flame Flowers," etc., and produce the brightest flowers of the autumn garden. The range in color is from pale lemon to orange and from salmon-pink, coral red, etc., to crimson. The plants vary in height from 2 to 3 feet.

4480 New Hybrids. Mixed Colors. Per 1000 seeds, 75c; pkt., 25c

Ursinia

Jewell Daisy (A)

(Shown in Colors on Page 61)

4478 Anethoides. An interesting annual from the Cape of Good Hope. The plants are dwarf, carrying on long, wire-like stems numerous orange-colored, daisy-like flowers with brown centers, making a striking and lasting display. **Pkt., 25c**

VERONICA, Speedwell (P)

4516 Spicata. Has become very popular for the hardy border. It grows 18 inches high, and is covered all summer with spikes of bright blue flowers.

Per 500 seeds, 50c; pkt., 15c



TITHONIA
Golden Flower
of the Incas



VENIDIUM
HYBRIDS

VENIDIUM

Star of the Veldt (A)

4483 Fastuosum. It suggests the exotic splendor of its native Africa, and luxuriates in the mid-summer sun. The plants grow about 2 feet high and bear golden-yellow sunflower-like blooms with black centers. **Pkt., 25c**

4483A Fastuosum Hybrids. The color range is varied and very interesting—apricot shades, pure white, canary yellow, golden yellow and the well-known orange. We find that the hybrids stand extreme heat better than the original orange. (See illustration.) **Pkt., 25c**

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THUNBERGIA



URSINIA



TRITOMA

American Beauty COLLECTION OF New Verbenas

Shown in Colors on Page 58

Plate No.

1. **4491 Lavender Glory.** A glorious color not hitherto known in Verbenas—a true lavender, with cream white eye.
2. **4514 Spectrum Red.** This magnificent Verbena is brighter than any other Verbena yet introduced, having no eye.
3. **4490 Beauty of Oxford Hybrids.** The giant hybrid, the florets measure over 1 inch in diameter. The color shades from clear rose-pink to rose-red.
4. **4487 Brilliant.** Rich, deep, flame-rose with white eye, which helps to bring out the brilliant color.
5. **4515 White Beauty.** The largest and finest pure white variety ever introduced. Continuously in flower.
6. **4489 Royale.** The color is a rich deep royal blue with a large yellow eye.

Price of above per 1000 seeds, 75c; pkt., 25c

4521 Special Offer: The Collection of six packets \$1.00

MAMMOTH VERBENA

Verbena (A)

MAMMOTH Henderson's

The average trusses measure $3\frac{1}{2}$ ins. across. They bloom freely, are vigorous in growth and for the garden beds and massing they are unrivaled. Flowers of the most brilliant colors are produced from spring until late in the autumn.

4492 Mammoth Auricula-eyed Mixed. A variety of colors, each flower having a large white center. Per 1000 seeds, 60c; pkt., 10c

4496 Pink 4502 Scarlet 4508 Yellow
4498 Purple 4506 White 4510 Mixed

Price of above,

Per 1000 seeds, 60c; pkt., 10c

4511 Collection, 5 varieties..... 40c

Recent Introductions

4512 Compact Fireball. A dwarf variety 6 inches high, covered with bright scarlet blooms, excellent for borders, beds, or pot plants.

4513 Compact Violet Bouquet. The plant is 8 inches high and 8 inches in diameter. The color is a deep violet tinged with garnet. The eye is cream.

Price of above, per 1000 seeds, \$1.00; pkt., 25c

4520 American Beauty. Mixed Colors. A fine blend of giant flowering varieties.

Price per 1000 seeds, 60c; pkt., 25c

Perennial Varieties

4484 Erinoides. A splendid hardy plant for rock gardens, producing moss-like foliage of a spreading habit; the flower heads are of a purplish blue color; height, 1 foot.

Per 1000 seeds, 75c; pkt., 10c

4486 Venosa. A lovely hardy, purplish-blue Verbena; fine for beds. The plants grow about 18 inches high and flower profusely.

Per 1000 seeds, 75c; pkt., 10c

4486A Venosa Lavender.

Per 1000 seeds, 75c; pkt., 15c

VINCA ROSEA. Madagascar Periwinkle (A)

Handsome bushy plants, producing freely round single flowers $1\frac{1}{2}$ inches across, suitable for either pot culture or sunny flower beds; flowers the first season if sown early indoors; height, $1\frac{1}{2}$ feet.

4522 Rosea. Bright rose.

4524 Rosea Alba. White with rose eye.

4526 Rosea Alba Pura. Pure white.

4530 Mixed Colors.

Price of above, per 1000 seeds, 75c; pkt., 10c



WALLFLOWER, SINGLE ANNUAL

Viola

Pansy Violets, Tufted or Bedding (P)

This improved strain (*Viola cornuta grandiflora* hybrids) produces Pansy-like blossoms, about 1 inch across. They form perfect mats covered with flowers from spring until cold weather. They are hardy perennials, fine for permanent beds, edgings, etc. Many of them are highly violet scented.

BLUE ELF

4532 A whimsically beautiful viola. The 9 inch plants are covered with blossoms that average $\frac{3}{4}$ inch in diameter.

The upper petals are deep-violet blue; the lower petals are light-violet blue with a gold eye and black lines radiating from the center. The foliage is small and dark green.

It is a perennial, but best treated as an annual. March sown seed produces flowers in June and flowering will continue as late as August.

Blue Elf is ideal for rock gardens, damp shady places, window boxes, massed low bed effects, and for edging borders. As a cut flower, it makes a very dainty effect in shallow vases. Pkt. 25c

4533 Arkwright Ruby. Ruby red with terracotta markings.

4533A Avalanche. Pure white, compact.

4534A Primrose Dame. Sulphur yellow.

4536 Apricot Gem. Apricot shading to a deep orange center.

Price of above, per pkt., 25c

4535 Mixed Colors..... Pkt., 15c



VIOLA BLUE ELF

Wall Flower

PERENNIAL VARIETIES

The Perennial Wall Flowers flower early and thrive in poor soil, but are not hardy and should be sown in a cold frame during the autumn and transplanted to the open ground in the spring.

4550 Large-Flowering Double, Mixed Colors.

Per 1000 seeds, \$1.00; pkt., 25c

4565 Large-Flowering Single, Mixed Colors.

Per 1000 seeds, 75c; pkt., 15c

Double Early Wonder Annual

March and April sowings bloom in August. The main spike is covered with double fragrant blossoms. Height, $2\frac{1}{2}$ feet.

4546 Mixed..... Per 1000 seeds, 75c; pkt., 25c

SINGLE FLOWERING ANNUAL

These flower the first season from seed, making compact branching plants, 8 to 10 inches in height, covered with fragrant single flowers.

4556 Blood-red. Red, shaded orange. Pkt., 10c

4560 Mixed Colors. Per 1000 seeds, 50c; pkt., 10c

Henderson's Green House Flower Seed Specialties

Those prefixed by* are suitable for indoor culture in the window garden.

ANTIRRHINUM or Snapdragon

We recommend these sorts for forcing under glass.

- 1095 Ceylon Court. Canary yellow.
1096 Winter Helen. Delicate salmon.
1097 Jennie Schneider. Salmon-pink.
1102 A Cheviot Maid Supreme. Fine deep rose.
1102 B Coates Yellow. Deep yellow.
1102 C Daybreak. Large flowering pink.
1102 E Glorious. Bronzy scarlet.
1102 F Lucky Strike. Large flowering white.
1102 G Naomi. Rose pink.
1102 H Terry's Surprise. Orange and bronze shades.

Price of above, 1000 seeds, \$1.50; pkt., 25c

ASPARAGUS, Ornamental

*1202 Plumosus Nanus. Greenhouse climber with Fern-like foliage.

Per 100 seeds, 50c; pkt., 25c

*1205 Sprenger. Decorative perennial for pots vases, etc.; drooping chenille-like fronds 4 feet long. Per 100 seeds, 25c; pkt., 10c

BEGONIA SEMPERFLORENS

1515 Ile de France. Considered the finest pure white variety with yellow stamens, foliage light green, flowers 1 1/4 inches across, height 1 foot. A splendid sort for bedding and pot culture. Per 1000 seeds, \$1.50; pkt. 25c

1518 Vernon. Fine bedding and pot plant, 6 inches high; blood-red flowers in profusion.

Price per 1000 seeds, \$1.00; pkt., 25c

CALCEOLARIA

*1580 Large-flowering Spotted Varieties. Gorgeous plants for growing in greenhouse and conservatory. The flowers are borne in the greatest profusion through spring and summer; colors, yellow, maroon, white, etc., spotted and blotched in the most unique fashion; 1 1/2 feet. Mixed Colors. Pkt., 50c

CINERARIA HYBRIDA

Magnificent plants for spring decoration in the conservatory. The flowers cover the plant with a sheet of bloom. Colors: White, blue, violet and crimson shades.

*1920 Large-flowering. Choicest Mixed. Pkt., 50c

*CYCLAMEN, GIANT PERSIAN

The seed is sown in greenhouse or conservatory in April or September and flowers in from 15 to 18 months.

2034 Butterfly, Papilio or Victoria. Very large flowers with fringed and fluted petals, the edges being colored differently, as white with red or purple edge, red with scarlet edge, etc. Pkt., 50c

2039 "Mrs. Buckstone." Flowers average 2 1/2 inches across. The petals are beautifully crimped, the coloring is a lovely salmon. Pkt., 50c

2042 Pink Pearl. Color an exquisite shade of soft salmon. Especially beautiful under artificial light. Pkt., 50c

2043 Salmon King. Immense, perfectly formed flowers of clear pink with a lustre of salmon. Very free bloomer. Pkt., 50c

2044 Vulcan. A grand giant-flowering variety of deepest blood-red. Pkt., 50c

2045 White Swan. A pure, snow-white giant-flowering variety; very profuse. The blossoms are borne on long, stiff stems. Pkt., 50c

2050 Henderson's Giant Persian. A superior strain, with flowers of largest size, displayed well above the handsome foliage; the colors include rose-crimson, pink, white, dark blood red, spotted eyed, etc. Mixed Colors. Pkt., 50c



ANTIRRHINUM
GREENHOUSE
FORCING

GERBERA or Transvaal Daisy

2270 Adnet's New Hybrids. A French strain of incomparable delicacy and richness, in which an infinity of tints, from pure white through yellow, orange, salmon, rose, cerise and ruby red to violet are represented. Mixed Colors. Pkt., 25c

MARIGOLD

2738 Australian Tree, Winter Flowering.

4 to 5 feet high. Flowers are semi-double and double, golden-yellow and brown, produced on long stems. Excellent for fall and winter flowering under glass.

Per 1000 seeds, 50c; pkt., 15c

SCHIZANTHUS

The foliage of the plant is fern-like and highly decorative. Valuable for pots and decoration.

3670 Dr. Badger's Giant Flowering Hybrids. A super strain, robust and bushy, 1 1/2 to 2 feet in height, with bright green, fern-like foliage. The flowers measure from 1 to 1 1/4 inches. Mixed Colors. Per 1000 Seeds, 75c; pkt., 25c

SMILAX

*3685 Charming, tender climber for greenhouse or window gardens; the foliage and stems are of a pleasing light green; very graceful.

Per 500 seeds, 50c; pkt., 15c

STEVIA SERRATA

3700 The plants bear a profusion of pure white, fragrant flowers all summer and fall. Per 1000 seeds, 50c; pkt., 15c

Stocks

DOUBLE GIANT EXCELSIOR

(Improved Column)

Non-branching, producing one flowering spike

A beautiful sort particularly adapted for greenhouse culture producing one stem 2 to 2 1/2 feet long set with fine double flowers, the blooms appear when the plant is about 1 foot tall.

3722 Apple Blossom. 3724 Dark Blue. 3726 Pink. 3723 Crimson. 3725 Lavender. 3727 White.

3730 Mixed.

Price of above, per 500 seeds, 75c; pkt., 25c
3731 Collection of 6 Giant Excelsior Stocks \$1.00

STOCK, GARDENIA

3748 This remarkable, new Giant Column Stock is indeed the last word in perfection for its class. Shimmering glistening white, the flowers are the purest snow white of any Stock variety yet introduced. Producing only one flower spike to a plant, this spike will, however, be of enormous size, 12 inches to 15 inches of florets and nearly 3 feet in length, and 4 or even 4 1/2 inches in depth, with individual florets closely and compactly placed on the stem. The robust habit and uniformity of type combined with a high percentage of doubles, places Gardenia definitely in a class by itself. Especially recommended for greenhouse culture.

Per 500 seeds, \$1.00; pkt., 25c

STOCKS "Beauty" or "Giant Nice"

The plants in flower stand about 2 feet in height. The side branches each carry a tall spike, furnished with large, clove-scented flowers. They do not flower as quickly as Ten-week Stocks, requiring from 12 to 15 weeks. For summer flowering, sow seed indoors early in the spring and transplant outdoors when danger from frost is over. When grown for winter flowering, sow the seed in July or August. As cut flowers they are unsurpassable.

3703 Beauty of Nice. Exquisite flesh-pink.
3704 Crimson King. Brilliant velvety crimson.
3706 Light Violet. Extra fine.
3707 Madame Rivoire. Double white.
3708 Queen Alexandra. Rosy lavender.
3709 Rose of Nice. Carmine-rose.

Price of any of the above, per 1000 seeds, 75c; pkt., 15c

3720 Mixed Colors. Per 1000 seeds, 60c; pkt., 15c

3721 Collection of Beauty Stocks. One packet each of the 6 separate varieties. 75c



STOCK
GARDENIA

Henderson's Bargain Flower Seed Collections

"The Garden Beautiful" COLLECTION

A Collection of Annuals for Garden, Beds, Borders, etc.
(Sown in the spring these rapidly attain perfection the same season.)

- Ageratum, Blue Perfection.** Compact bushes, 8 inches, blue flowers
- x **Alyssum, Little Gem.** An improved white Sweet Alyssum
- x **Aster, Giant Comet, Double Mixed Colors.** One of the best Asters
- Calliopsis, Golden Wave.** Large golden flowers, freely produced
- Candytuft, Empress.** Hyacinth-like spikes of white flowers.
- Celosia, Ostrich-Plumed, Mixed.** Brilliantly showy, free-flowing
- x **Cosmos, Early-Flowering, Mixed.** Fall-flowering, fine and showy
- x **Dianthus, Double Pinks.** Various colors
- Eschscholtzia, Golden West.** Large flowering. Californic Poppies
- Hollyhock, Henderson's Annual Ever-Blooming, Mixed Colors.**
- Larkspur, Mixed Colors.** Large, showy spikes
- x **Marigold, Pride of the Garden, Mixed Colors.** Improved African
- x **Mignonette, Machel.** Long, large spikes of fragrant flowers
- x **Nasturtium, Giant-Flowering, Tom Thumb, Mixed Colors.**
- x **Pansy, Finest Mixed.** Large flowers of beautiful colors
- Petunia, Large-Flowering, Single, Mixed.** Blotched, striped.
- x **Phlox, Drummondii, Large Flowering, Mixed.** Improved varieties
- x **Poppy, Single Shirley Mixed.**
- Portulaca, Mixed.** Showy for edges or low beds
- Salvia Bonfire.** Improved Scarlet Sage, compact, vivid scarlet.
- Scabiosa Maxima, Double Mixed Colors.** Large-flowering, sweet-scented
- x **Stocks, Large-Flowering, Dwarf, 10 Weeks, Mixed Colors.**
- Sunflower "Cut-and-Come-Again."** Bushy plants, 3 to 4 feet.
- Verbena, Mammoth, Mixed.** Large flowers, scarlet, white, blue, pink
- x **Zinnia, Giant, Double, Mixed Colors.** Immense double flowers.

4701 Special Offer 25 Kinds Listed Above: \$2.00
If bought separately would cost \$2.80

4702 Collection of 12 Kinds, Prefixed x, \$1.00
If bought separately would cost \$1.35

"CUT FLOWER" COLLECTION

Sixteen Packets of New and Improved Annual Flower Seeds

Shown in Colors on Page 55

Many occasions arise when it is desirable to go into the garden and gather huge armfuls of choice cut-flowers

Flowers purchased in a store can never be as interesting as a bouquet cut fresh from your own garden. The Helichrysums or Everlasting Flowers included in this collection may be dried, and will remain bright and attractive for an entire year. These varieties are just as suitable for beds and borders

Key to Color Plate	Varieties	Key to Color Plate	Varieties
A	Didiscus Coeruleus	J	Arctotis Grandis
B	Wallflower Annual Mixed	K	Centaurea Imperialis Mixed
C	Antirrhinum Giant Mixed	L	Salpiglossis Emperor Blue
D	Tahoka Daisy (Machaeranthera)	M	Scabiosa Maxima Mixed
E	Marigold Sunset Giants Mixed	N	Cosmos Double Early Flowering Mixed
F	Carnation Marguerite Mixed	O	Zinnia Giant Dahlia Flowered Mixed
G	Anchusa Blue Bird	P	Calendula Sunshine Orange
H	Helichrysum Mixed		
I	Aster Invincible Mixed		

For descriptions see body of catalogue

4765 Special Offer: Collection of 16 varieties, \$1.50
If bought separately would cost \$2.25

A COLLECTION OF SEEDS OF Climbing Annuals

(Sown in the spring these rapidly attain perfection the same season.)

- Balloon Vine.** White flowers, succeeded by balloon pods. 10 feet.
- Cobaea Scandens.** Large, bell-shaped, rich blue flowers. 20 feet.
- Cypress Vine, Mixed.** Feathery foliage, star-shaped flowers. 15 feet
- Dolichos.** Giant Crimson. Wistaria-like clusters of crimson flowers 10 feet.
- Mina Lobata.** Luxuriant climber, with clusters of blood-red flowers. 20 feet
- Moon Flower Vine.** Immense white flowers. 20 to 40 feet.
- Morning Glories, Imperial.** Magnificent colors. 30 feet
- Nasturtium, Giant-Flowering, Climbing, Mixed Colors.** 10 feet.
- Sweet Peas, Giant Spencer, Mixed.** The finest strain. 6 feet.
- Thunbergia, Mixed Colors.** Charming vine, flowering freely. 6 feet.

4721 Collection of 10 Kinds, 75c.
If bought separately would cost \$1.15

A COLLECTION OF PERENNIAL FLOWER SEEDS FOR Rockeries and Rock Gardens

Our pamphlet "The Rock Garden" sent with every collection

- Alyssum Saxatile Compacta.** "Basket of Gold." Hardy plant, large flowers, pure yellow, 9 inches high
- Agrostemma Coronaria.** "Rose Campion." Mixed colors.
- Arabis Alpina.** A very useful, hardy plant for rockeries; pure white flowers. Height, 6 inches
- Campanula Persicifolia Blue.** "Peach-leaved bell-flowers," large blossoms of blue or white, 2 to 3 feet high.
- Candytuft Gibraltica.** Blooms early, hardy, large flowers, red and rose-white, 12 to 18 inches high.
- Candytuft Sempervirens.** Blooms early in spring
- Cerastium Tomentosum.** "Snow in Summer." Of sprawling habit, white leaves and white flowers.
- Delphinium Blue Butterfly.** Beautiful blue variety of compact growth; blooms the first year if sown early. Height, 18 inches.
- Geum Mrs. Bradshaw.** A large, double strain, bears brilliant crimson-scarlet flowers. Height, 2 feet.
- Heuchera. Alum Root.** Flowers are a beautiful red. Bloom all summer. Height, 2 feet.
- Myosotis Blue Spire.** The popular blue Forget-me-not.

4761 Collection of 11 pkts., \$2.00
If bought separately would cost \$2.45

Summer Flowering Collection of Annuals for the Rock Garden

Unless annual flowers are used, the Rock Garden usually takes on a rather drab appearance during the summer months. In order to keep it bright and gay, we recommend planting the following group. These may be sown directly in the garden during the month of May or the seed may be started earlier indoors and the seedlings transplanted to the garden after the flowering of the early permanent material has completed its display.

- Ageratum Blue Star.** Light blue flowers; height 4 to 5 inches.
- Alyssum Carpet of Snow.** Grows only 2 to 3 inches high; white fragrant flowers; blooms all summer.
- Candytuft Dwarf Hybrid Mixed.** Grows 4 to 6 inches high; bright colors.
- Dianthus Crown of Perfection.** Dainty double flowers; plants grow about 1 foot high.
- Lobelia Mixed Colors.** Compact little plants grow 6 inches high; blooms profusely.
- Mesembryanthemum.** Dwarf trailing plants with single daisy-like flowers; height, 6 inches.
- Nasturtium Giant Flowering Climbing.** An excellent plant for covering rocks; very showy.
- Nierembergia Hippomanica.** An extremely satisfactory little annual; pale lavender flowers; height, 6 inches.
- Phlox Drummondii Fireball.** Produces an abundance of bright scarlet flowers; height, 6 inches.
- Portulaca Single Mixed.** One of the most popular; clings to the surface; blooms profusely.
- Tagetes Signata Pumila.** A dainty plant growing from 6 to 8 inches high and covered with small yellow flowers.
- Verbena Mammoth Mixed.** Produces large trusses of gay flowers; height, 10 inches.

4762 Special Offer: Collection of 12 packets, \$1.25
If bought separately would cost \$1.75

Henderson's Garden Guide and Record contains much practical information about gardening, including cultural instructions for all the popular annual and perennial flowers. Price 50c or sent on request, no charge, with orders amounting to \$4.00 or over.

Henderson's Modern Zinnias (A)

The Glorified Youth and Old Age of Grandmother's Garden

These have made remarkable strides down the paths of evolution since Peter Henderson offered the first double Zinnia, almost a hundred years ago.



IMPROVED DWARF



HAAGEANA



LILLIPUT

Unusual and Popular Types

Howard's New Giant Crested

See Color Plate Page 57

4700 This variety is the result of many years' selection work on a strain produced by crossing the Dahlia-flowered and Scabiosa-flowered types. The blossoms average 3 to 4 inches in diameter. They have a full rounded cushiony center surrounded by broad guard petals. The colors are charmingly bright and include almost all colors to be found in this popular annual flower. Magnificent shades of orange, orange-scarlet, yellow, rose, maize and crimson predominate. Per 500 seeds, 60c; pkt., 25c

HAAGEANA

4650 Dwarf Mexican. Very desirable dwarf growing plants about 1 foot high, producing double miniature blooms in shades of brown, red and yellow. Most suitable for edgings and low center pieces for table decorations. Per 500 seeds, 50c; pkt., 10c

LINEARIS

4647 A dwarf early flowering form somewhat comparable to Zinnia Haageana. The single flowers are deep golden orange in color, with a delicate light yellow stripe. It is early flowering, and the plant reaches a height of 8 to 10 inches with a spread of as much as 2 feet. Per 500 seeds, 60c; pkt., 15c

97

LINEARIS



HOWARD'S

IMPROVED DWARF,

Large-Flowering

The plants form handsome, compact bushes 2 feet in height, with large, perfectly formed double flowers.

- | | |
|--|------------------|
| 4582 Crimson | 4592 Salmon-rose |
| 4586 Orange | 4594 White |
| 4600 Mixed Colors | 4598 Yellow |
| Price of above, per 500 seeds, 25c; pkt., 10c | |
| 4601 Complete Collection, 5 separate colors, 40c | |

LILLIPUT or POMPON

We offer the five best colors to further popularize this charming type. Seed sown as soon as warm weather sets in will produce flowering plants in 75 days.

- | | |
|---|-----------------|
| 4641 Burnt Orange (Valencia) | |
| 4642 Crimson Gem | 4644 Salmon Gem |
| 4643 Golden Gem | 4644A White Gem |
| 4645 Mixed | |
| Price of the above, per 500 seeds, 50c; pkt., 10c | |
| 4646 Complete collection, 5 separate colors, 40c | |

PICOTEE

4652 Giant Double. Very double, 4 inches in diameter; colors, orange, yellow, flesh and pink, each petal being tipped chocolate or maroon resembling a Picotee Carnation. Mixed Colors. Pkt., 10c



THE CHILDREN'S GARDEN

A Dozen Annual Flowers

The following have been selected as being a sure-fire group suitable for a beginner's or a child's garden. All of these will grow in poor soil; all that they demand is an adequate amount of moisture and direct sunlight over the major part of the day.

Calendula	Marigold
Calliopsis	Marvel of Peru
Centaurea	Nasturtium
Convolvulus	Petunia
Euphorbia	Portulaca
Gaillardia	Zinnia

4775 SPECIAL OFFER: The Children's Garden Collection. 1 packet each of the above 12 varieties, 75c. If bought separately would cost \$1.25.

Henderson's

Special Mixed Flower Seeds

4740 A garden may be made in any out-of-the-way place by broadcasting and raking in at the rate of 1 oz. per 100 square feet, mixed with sand or dry soil to secure an even distribution. Price, cz., 25c; 1/4 lb., 75c; lb., \$2.50

Henderson's Modern Zinnias (A)

In almost every popularity vote of annual flowers taken in recent years, the Zinnia has invariably headed the list. This popularity is indeed deserved, because there are few flowers that are more satisfactory. They grow in practically all soils and develop into flowering plants in about eight weeks' time. They are obtainable in a great diversity of forms, from the dainty single Linearis type and the semi-double Scabious Flowered, to every conceivable form of double flowers, ranging from the diminutive low growing Haageana, with miniature blossoms about 3/4 inch in diameter, to the Majestic Giant Dahlia Flowered, with flowers 4 to 5 inches across. Although they grow and flower in poor soil, for best results they should be planted in a well-prepared soil enriched with Henderson's Garden Fertilizer. For early flowers, start seed indoors in March or April, or sow directly in the garden about the middle of May.

The Ultimate in Annual Flowers HENDERSON'S GIANT "GOLD MEDAL"

(Awarded a Gold Medal
by the Royal Horticultural
Society of England)

DAHLIA
FLOWERED
ZINNIAS

(See Color Plate, Opposite)

The remarkable results obtained with this improved type of the popular flower, by thousands of our pleased patrons, has fully substantiated the claims advanced by us, for the New Dahlia-Flowered Zinnia is undoubtedly a majestic and beautiful flower.

The plant is striking and spectacular in appearance and distinguished for its vigor and sturdy growth, reaching a height of from 3 to 4 feet. The large magnificent blooms that greatly resemble Decorative Dahlias, and average from 4 inches or over across, are borne on strong stems, clear of foliage, which makes them very desirable for cut flowers as well as garden decoration.

4680 Giant Dahlia Flowered Mixed. A magnificent blend of majestic giants in a wide range of colors, including many tints not found in the named varieties.

Price per 500 seeds, 50c; pkt., 15c

4662 Buttercup. A rare shade of deep creamy yellow. (See letter E.)

4664 Dream. A beautiful shade of soft lavender, turning to purple as flower grows older.

4666 Exquisite. An exquisite shade of light rose, deepening toward the center. (See letter B.)

4669 Meteor. A rich glowing red, suggesting the deep-toned shade of red velvet.

4672 Oriole. Immense blooms of deep orange, crimson and gold. (See letter D.)

4674 Polar Bear. A pure white. (See letter C.)

4676 Purple Prince. A fine deep purple. (See letter A.)

4678 Will Rogers. The new Zinnia Will Rogers is an outstanding and strikingly beautiful variety worthy of his name. The color is one of those vibrant and enlivening shades which calls vividly to mind the warmth of affection and esteem in which he is still held by all Americans—glowing intense scarlet. (See letter F.)

Price of above, per 500 seeds, 60c; pkt., 15c

4681 Collection, 1 pkt. each of the above 8 varieties, \$1.00

ZINNIA CALIFORNIA GIANT

A very popular variety having large flat flowers giving a graceful effect, particularly for use as a cut flower, also suitable for bedding. Height, 3 to 4 feet.

4602 Cerise Queen. Beautiful orange rose.

4603 Crimson Queen. Rich crimson

4604 Golden Queen. Golden yellow

4605 Rose Queen. Deep rose.

4607 Scarlet Queen. Deep scarlet

4608 Violet Queen. Deep purple.

4609 White Queen. White.

4609A Yellow Queen. Canary yellow.

4610 Mixed.

Price of above, per 500 seeds, 60c; pkt., 15c

4611 Collection, 1 packet each of the above 8 varieties \$1.00

FANTASY

The strikingly attractive, shaggy-petaled flowers, 3 inches in diameter, are borne on long, strong stems. Picking the blooms freely causes the plants to branch and increases the production of flowers, and those forming at an angle hold that position without drooping.

4684 Orange Lady. Bright orange

4685 Rosalie. Bright rose.

4686 Star Dust. Golden yellow.

4687 White Light. Creamy white

4688 Wildfire. Rich dazzling scarlet. The plants are early blooming and exceptionally free flowering.

4689 Melody. See color plate page 57. Melody brings a new color not only to the Fantasy group, but a distinctly new shade in Zinnias as a whole. A rich orchid lavender, the color is most intriguing, particularly in flower arrangements. Pkt., 25c

Price of above (except where noted) per pkt., 15c

4690 Mixed Per 500 seeds, 50c; pkt., 10c

4691 Complete collection, 6 separate colors, 75c



**CALIFORNIA
GIANT**



FANTASY

Bring Sunshine into your Garden by planting plenty of all Types of Zinnias.

ZINNIAS

GIANT DOUBLE
DAHLIA FLOWERED

HENDERSON'S "Gold Medal" COLLECTION

See Description
On Opposite Page

4676 Purple Prince (A)

4666 Exquisite (B)

4674 Polar Bear (C)

4672 Oriole (D)

4662 Buttercup (E)

4678 Will Rogers (F)

4664 Dream }
4669 Meteor } *Not illustrated*

Price of the above
named varieties
500 seeds, 60c
packet, 15c

4681 Collection
one packet each, 8 varieties.

\$1.00





HENDERSON'S *"Wings of Victory"* COLLECTION OF NINE NEW GLADIOLUS
See Description on Opposite Page

Henderson's Modern Gladiolus

A Select List of Recently Introduced Sorts and the Better Standard Varieties

The list of named Gladiolus offered on this and the preceding pages comprises our choice in the fields after studying and comparing the merits of hundreds of varieties, consideration being given to healthy growth, size, form, coloring and substance of flowers, properly spaced and faced on strong, straight, upright spikes, etc. We believe that this selection of up-to-date named Gladiolus is unsurpassable.

Every precaution is taken to supply clean stock; all of our bulbs are thoroughly cleansed, fumigated, and dipped to destroy thrip and other insects.

HENDERSON'S "Wings of Victory" COLLECTION OF NINE NEW GLADIOLUS

Illustrated in Colors on Opposite Page and Described Below

Many of our customers frequently ask us to select a list of the best Gladiolus and never in our experience have we been in position to make a better selection than the group described here and shown in colors on the opposite page. We consider these the best not only for the garden but also for cutting and for exhibition purposes. The varieties included are among those indicated as favorites, and the most popular by the votes of the members of the New England Gladiolus Society. All are prize winners and will be found on exhibition in every Gladiolus Show during the coming year.

We hope our customers will avail themselves of this opportunity to beautify their gardens with this group of outstanding Gladiolus.

Price of the Collection

A. 9 Bulbs, one of each variety, \$1.50.

B. 27 Bulbs, three of each variety, \$4.25.

C. 54 Bulbs, six of each variety, \$8.00.

D. 108 Bulbs, twelve of each variety, \$15.00.

Key to
Plate

1. **Lavender Queen.** A magnificent sort. Color, soft lavender. Strong grower. Price 15c each; \$1.50 doz.; \$12.00 per 100.
2. **Pearl Harbor.** A beautiful pure white variety, free bloomer with 6 to 7 flowers open at one time. Price 35c each; \$3.50 doz.; \$25.00 per 100.
3. **Sandra.** One of the finest light pink varieties. Price 15c each; \$1.50 doz.; \$12.00 per 100.
4. **Barcarolle.** Ruffled flowers of a rich orange color, considered the most beautiful orange sort. Price 20c each; \$2.00 doz.; \$15.00 per 100.
5. **Alchemist.** Pure yellow without markings; ruffled flowers, 4 to 5 open at one time. Price 20c each; \$2.00 doz.; \$15.00 per 100.

Key to
Plate

6. **King Lear.** A fine deep purple, beautiful ruffled flowers. 5 to 6 blooms open at one time. Price 15c each; \$1.50 doz.; \$12.00 per 100.
7. **Bingo.** Beautiful huge flowers, cream tinted rose, strong spikes. 6 to 7 blooms open at one time (Picardy seedling). Price 15c each; \$1.50 doz.; \$12.00 per 100.
8. **American Commander.** Tall growing, color rich deep red, one of the best of its class. Price 25c each; \$2.50 doz.; \$18.00 per 100.
9. **Camellia.** Blush white with scarlet feather, a fine cut flower variety. Price 15c each; \$1.50 doz.; \$12.00 per 100.

GLADIOLUS—Modern and Best Standard Sorts

- Aflame.** Begonia rose shading to bright orange flame near edge; six well-placed blooms open at a time. A popular exhibition variety.
- Albatross.** Unquestionably one of the best and largest white gladiolus; flowers are absolutely without blotches or throat-markings.
- Beacon.** A very tall brilliant variety, color bright scarlet with creamy throat.

Doz. 100

- Berty Snow.** Large flowers of a beautiful soft lavender, of good substance, on strong spikes. A prize winner wherever shown. \$1.00 \$ 7.50
- Bleeding Heart.** A striking sort; color, white tinted light pink with large red blotch. 1.25 9.00
- Blue Admiral.** Large blooms of a deep violet blue; 5 to 6 open on tall spikes. 1.50 12.00
- Blue Beauty.** Tall spikes having large flowers of a pleasing shade of light blue with darker markings. 2.00 15.00
- Blue Danube.** An exceptionally tall spike, having flowers of a fine light blue; strong grower. 1.50 12.00
- Charles Dickens.** A European origination of great merit. Very tall, straight spike with large flowers of brilliant purple. 1.00 7.50
- Commander Koehl.** Dark scarlet blood-red, tall spike, with several flowers open at the same time. Considered as one of the very best dark reds. 1.50 12.00
- Dr. Frank E. Bennett.** The best of its color; flowers are very large, of a bright scarlet with white lines in the throat; well placed on spike. 1.25 9.00
- Dream O' Beauty.** A strong grower, large bloom having the color of the American Beauty Rose. 1.25 9.00

Continued on Page 102

PRICES	
Doz.	100
\$1.00	\$7.50
1.00	7.50
1.00	7.50

GLADIOLUS CHOICE RAINBOW MIXTURE

A superb combination of all colors, tints and shades, including many unusual colors not found in named sorts.

Price, Dozen, 75c
Hundred, \$5.00
Thousand, \$47.50

Individual Bulbs Supplied at One-Tenth of the Dozen Rate; Six Bulbs of a Variety Sold at the Dozen Rate, 25 at the Hundred Rate.

Gladiolus Bulbs Are Delivered Transportation Paid in the U. S. A.

Our pamphlet "GARDEN CULTURE OF GLADIOLUS" free to customers on request.



Henderson's Modern and Best Standard Gladiolus

All of our bulbs are thoroughly cleaned, fumigated, and dipped to destroy Thrip and other insects

When planting in sections where Thrip is prevalent we recommend as an extra precaution, soaking the bulbs for six hours in a solution of Lysol disinfectant, mixing four teaspoonfuls to one gallon of water.

This treatment stimulates root growth in dormant bulbs.

Bulbs may be dipped and left for as long as three weeks before planting.

An effective method for controlling Thrip on growing plants.

Make careful examinations of plants when 5 to 6 inches high. If silvery spots are noticed on the foliage, spray with the following solution: two ounces of Tartar Emetic (see page 144), 8 ounces brown sugar in three gallons of water, apply every ten days if necessary.

	PRICES	
	Doz.	100
Gate of Heaven. The color is the deepest, richest yellow of any variety we have seen.....	\$1.25	\$ 9.00
Giant Nymph. Very large, light pink flowers with a creamy throat, open flowers on strong stems.....	1.00	7.50
Golden Chimes. Beautiful ruffled yellow blooms borne on tall spikes.....	1.25	9.00
J. S. Bach. Large flowered, brilliant orange salmon.....	1.50	12.00
King Arthur. A ruffled bloom of rosy-lavender. One of the finest sorts, tall spikes, large flowers.....	1.00	7.50
La Paloma. Early, brilliant orange of an unusually rich and attractive shade. Tall spike; long flower head, with florets 4½ to 6 inches across.....	1.00	7.50
Maid of Orleans. Milky white with cream throat. Tall, straight plant with up to 8 large well-placed blooms open.....	1.00	7.50
Margaret Beaton. A grand exhibition variety, color pure white, with small orange blotch in throat.....	2.00	15.00
Minuet. Considered the best lavender; six blooms generally open at once; strong spike and heavy foliage; a grand exhibition sort.....	1.25	9.00
Morocco. Large flowers borne on straight spikes; color very dark maroon, almost black.....	1.00	7.50
Mother Mackree. Beautiful lavender, overlaid with shade of salmon-pink towards the edges; difficult to describe, but very attractive; might be called a smoky. Large, well-placed flowers, six to ten open at a time, borne on tall, strong stems.....	1.50	12.00
Mr. Van Tienhoven. A giant flowering variety with large blooms of glossy brilliant red, darker in the throat.....	1.00	7.50
Orange Princess. A fine tall large flowering variety, color bright orange-red.....	1.00	7.50
Peggy Lou. An outstanding new variety, tall growing, strong spike, color shrimp pink.....	1.25	9.00
Pelegria. Deep violet blue. Long, well-formed flower spikes, several open and all buds showing their velvety color clear to the top. Very striking.....	1.00	7.50

	PRICES	
	Doz.	100
Phyllis McQuiston. Color deep glowing shrimp shading lighter in the throat. Tall, vigorous plant with 5 or more blooms open on a long spike. A distinct and beautiful shade. Nice cut flower.....	\$1.00	\$ 7.50
Picardy. This beautiful apricot pink variety is conceded to be the best sort of its color that has been introduced in recent years and has created a sensation wherever shown.....	1.25	9.00
Rewi Fallu. Beautiful blooms of deep blood red, tall spike, early flowering.....	1.00	7.50
Rosa Van Lima. Color light rose with few lines in throat, a fine show variety.....	1.25	9.00
Shirley Temple. A most beautiful ruffled variety; a soft rich color, cream, with darker throat.....	1.25	9.00
Smiling Maestro. Deep salmon-rose, flaked darker; 6-8 or more immense very showy wide open blooms. This is one of the very best.....	1.25	9.00
Snow Princess. Pure snow white with milky throat, tall growing, considered the best.....	1.00	7.50
Star of Bethlehem. Snow white with a tinge of cream on the lower petals. Enormous flowers of good substance and form, on tall strong stems.....	1.25	9.00
Sun God. Perfect blossoms of clear lemon yellow, tall spike, early flowering.....	2.00	15.00
Twilight. A beautiful tall growing sort, blossoms clear sulphur yellow lightly ruffled.....	2.00	15.00
Vagabond Prince. A gorgeous variety, unusual iridescent garnet brown, lighter in upper throat and with a small blotch of glowing flame scarlet on lip petal.....	1.00	7.50
Vredenburg. Fine spikes straight and strong, considered the largest pure white variety of good substance.....	1.25	9.00
Wasage. A ruffled buff-colored variety, that is very attractive. Grows tall and is in great demand.....	1.00	7.50
W. H. Phipps. La France pink, overlaid with light rose-salmon. Lighter toward the center and with lightly speckled ruby throat markings.....	1.00	7.50
Wuertenbergia. Brilliant scarlet with creamy white throat blotch. Very tall strong spikes.....	1.00	7.50



PRIMULINUS HYBRIDS

These Hybrids are early flowering, extremely graceful and profuse in bloom and provide a most enchanting array of artistic colors. They are very desirable for cutting for vases and table decoration. Primulinus Gladiolus combine well with other flowers in artistic arrangements.

	PRICES	
	Doz.	100
Alice Tiplady. A grand primulinus variety of a beautiful orange-saffron color.....	\$1.00	\$7.50
Annie Laurie. Lovely delicate ruffled pink.....	1.00	7.50
Apricot Glow. Very tall apricot.....	1.00	7.50
Betty Co-Ed. We consider this one of the most beautiful for indoor and table decoration. A most delicate shade of pink with cream throat. Height, 18 to 24 inches.....	1.25	9.00

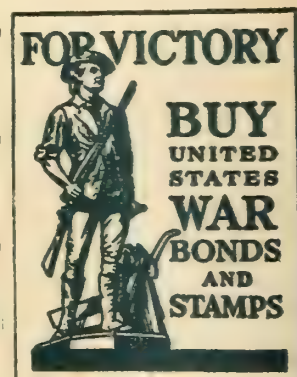
Orange Butterfly. A rich glowing bronzy orange. Ideal for indoor decoration..... \$1.00 \$7.50

Orange Queens. Purest apricot of a very warm tint; large, open flowers on good stem; justly considered one of the very choicest..... 1.00 7.50

Souvenir. Most superb deep yellow self. Tall-stemmed, large hooded flowers facing forward; 4 to 6 open at the same time. Early..... 1.00 7.50

White Butterfly. The finest white variety. Stems are tall and slender, and flowers well placed..... 1.25 9.00

Special Mixture. A grand selection of popular colors. (Per 1000, \$47.50)..... .75 5.00



Individual Bulbs are Supplied at One-Tenth of the Dozen Rate; Six Bulbs of a Variety Sold at the Dozen Rate, 25 at the Hundred Rate. Gladiolus Bulbs Are Delivered Transportation Paid in the U. S. A.

Our pamphlet "GARDEN CULTURE OF GLADIOLUS" free to customers on request

Summer Flowering Bulbs

Many gardeners who have enjoyed the gay pageant of Spring Bulbous Flowers, will welcome the group offered here. It is a fascinating ensemble, ranging from the extreme daintiness of the Zephyranthes, or Fairy Lily, to the bizarre brilliance of the Tigridia, or Shell Flower, and the pure gold of the Calla Elliotiana. The flowering period of this group ranges from June to September.

CALLA (Elliotiana)

The yellow Calla; large, rich, deep golden flowers often 4 to 5 inches across at the mouth; habit of growth and foliage like the old favorite white Calla excepting the leaves of Elliotiana are spotted with white.

Dry bulbs. Price, 50c each; \$5.00 doz.; \$37.50 per 100.

CINNAMON VINE

A beautiful, hardy climber for anything on which the vines can twine; it grows from 15 to 30 feet high, and when established the vines attain a much greater length. The leaves are green, thick and glossy, always clean, healthy and free from insects. The white flowers, while insignificant, emit a delightful cinnamon-like perfume. The roots are quite hardy and, although the stems die down in winter, the vines shoot up with great rapidity in the spring.

Price, extra large, 2-year-old roots, 25c each; \$2.50 doz.

CHLIDANTHUS FRAGRANS (The Fragrant Lily)

Of South American origin; it is a valuable addition to our summer flowering bulbous plants. The plant attains a height of about 1 foot, and the delightfully sweet scented golden yellow miniature Lilies are held well above the foliage. Also adapted for pot culture.

Price, 25c each; \$2.50 doz.; \$18.00 per 100.

CRINUM Kirkii

Produces flowers of the greatest beauty. Usually two flower stalks of dark purplish color are sent up at the same time, each bearing a large umbel of enormous lily-like flowers of white, with a reddish purple stripe through the center.

Extra large bulbs, 75c each; \$7.50 doz.

MADEIRA VINE

The old favorite, "Climbing Mignonette," so much prized for porches and arbors on account of its rapid growth and freedom from insects. Thick, glossy leaves, and long, hanging stems of feathery, fragrant, white flowers. The tubers we offer are selected large size.

Price, 15c each; \$1.50 doz.; \$12.00 per 100.

PERUVIAN DAFFODIL

Ismene Calathina

Handsome clusters of large, very striking, fragrant pearly white flowers. Bulbs should be planted out in May. They will then commence flowering in July. It is also admirably adapted for pot culture.

Price, 25c each; \$2.50 doz.; \$18.00 per 100.

CINNAMON
VINE



CALLA ELLIOTIANA

Summer Flowering Bulbs thrive in a medium rich soil, where a fair amount of moisture can be provided during the flowering period. They also enjoy direct sunshine. In the latitude of New York, they should be planted about April 15th. As these are not hardy in this latitude, the bulbs should be lifted in the autumn after the tops have been killed by frost. The bulbs may be saved from year to year. Obtainable from February 1st to June 1st.

MONTBRETIA

The Montbretia is one of the most floriferous and showy of summer-flowering bulbous plants, producing in great numbers graceful spikes 8 to 12 inches long, each spike bearing from 18 to 30 exceedingly showy, star-shaped flowers, 1½ to 2 inches across.

Fire King. Large flowers of a glowing scarlet red; decidedly one of the most beautiful. Price, 10c each; \$1.00 doz.; \$7.50 per 100

Golden West. Produces tall, branching spikes and large, well-open flowers of a most beautiful pure golden yellow, without the least spot of shade; strong grower. Price, 15c each; \$1.50 doz.; \$12.00 per 100

His Majesty. A glorious variety, flowers measuring 4 inches or more across, very broad petalled, deep velvety scarlet shading down to gold, reverse of petals dark crimson.

Price, 20c each; \$2.00 doz.; \$15.00 per 100

Lady Hamilton. Very floriferous yellow; the center is suffused with a ray of rose apricot; strong grower; fine and distinct.

Price, 15c each; \$1.50 doz.; \$12.00 per 100

Lord Nelson. Deep orange-scarlet, externally crimson, eye yellow; large flower, very beautiful; the stems are dark, much branched and 3½ ft. high. Price, 15c each; \$1.50 doz.; \$12.00 per 100

Rosea. Bright salmon rose; distinct.

Price, 15c each; \$1.50 doz.; \$12.00 per 100

Mixed Hybrids. Containing a fine assortment of yellow, orange and scarlet shades. Price, 10c each; \$1.00 doz.; \$7.50 per 100

Six Bulbs of a variety sold at the Dozen Rate, 25 at the Hundred Rate.



MONTBRETIAS

Follow the pageant of Spring Bulbous Flowers with Summer Flowering Bulbs. Our pamphlet, "Summer Flowering Bulbs," tells how easy it is to grow this brilliant group in any garden, and what a boon they are to the belated gardener.



**LILIUM
REGALE**

**SUMMER HYACINTH, *Hyacinthus Candicans*
(Galtonia)**

A luxuriant-growing, summer-flowering plant, spreading 2 to 3 feet, throwing spikes 4 to 5 feet in height, each bearing 20 to 30 large, white, bell-shaped flowers, splendid for groups. If planted in the center of beds of scarlet *Gladiolus*, the effect is magnificent.

Price, 20c each; \$2.00 doz.; \$15.00 per 100.

TIGRIDIA (Shell Flowers)

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large, gorgeous flowers in shades of yellow, orange and red, exquisitely spotted, flowering very freely throughout the summer. Mixed Colors.

Price, 15c each; \$1.50 doz.; \$12.00 per 100.

**ZEPHRANTHES
ROSEA
(Fairy Lily)**

The graceful starry rose-pink flowers are produced freely throughout the summer. The smooth flower bearing scapes grow through the grass-like foliage to a height of from 6 to 10 inches. Extremely dainty for foreground plantings in the bulb border.

**Price, 20c each;
\$2.00 doz.; \$15.00
per 100.**

Hardy Lilies **LILIUM**

Lilies are stately and most beautiful bulbous plants—producing large flowers of exquisite outline and varied coloring. They are hardy even in cold locations with protection, usually surviving for many years. Ideal locations are in the shrubbery or herbaceous border where the roots are sheltered from the hot sun. Groups of 6 or more lilies of a kind, here and there, in such situations are most effective. Owing to conditions abroad, it is impossible for us to offer many of the old favorite varieties of Lilies this year.

Regale ("A Royal Beauty"). The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, blending out part way up the trumpet. The fragrance is fascinating. A splendid, hardy Lily for the garden, flowering in July. Well-grown bulbs often produce five to eight blooms.

Price, 60c each; \$6.00 per doz.; \$47.50 per 100.

Tigrinum Splendens. (Improved Tiger Lily.) The grandest of the Tigers; black polished stem. Very large pyramids of flowers, orange-red, spotted with black. 3 to 5 feet high. Blooms in August.

Price, 30c each; \$3.00 per doz.; \$12.00 per 100.

Tigrinum Flora Pleno. (Double Tiger Lily.) Double, bright orange-red flowers spotted with black. Blooms in August.

Price, 35c each; \$3.50 per doz.; \$25.00 per 100.

Umbellatum. Of strong, sturdy habit, growing from 2 to 3 feet high, having large, showy flowers in clusters at the summit, flowering in June. The colors range through all shades of red, from rose to blackish-crimson, yellow, buff, orange, etc., many being spotted.

Mixed Colors, Price 35c each; \$3.50 per doz.; \$25.00 per 100.



SUMMER HYACINTH



TIGRIDIA



LILIUM UMBELLATUM

PLANT DEPARTMENT

SPECIAL NOTICE: Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.

We guarantee the safe arrival of all plants sent by Express or Parcel Post to all points in the United States. Should anything be injured in transit, we urge our customers to notify us at once on receipt of the goods, and in every case send us a list of what has been damaged so that we can replace them. But when they arrive in good condition our responsibility ceases, and if from inattention or other causes they fail and

complaint is then made we cannot replace them.

SHIPPING DATES. We would appreciate it if our customers would specify a shipping date, otherwise we will ship at such time as in our judgment we deem most suitable. We ship direct from our Plant Department at Red Bank, N. J.

PACKING. We make no charge for packing domestic shipments. Special packing for export shipments charged for at cost.

Select Plants and Bulbs for Garden and Indoor Culture

PLEASE NOTE: The production of Henderson's Quality Bedding Plants, including Asters, Begonias, Geraniums, etc., has been discontinued for the duration, due to the fact that a large area of our greenhouse space is given over to the growing of food producing plants. We sincerely hope that this will not greatly inconvenience our customers and we eagerly look forward to supplying them again as soon as the bright rays of Peace shed their radiant smile upon the world.

BEGONIA, Tuberous Rooted (Bulbs)

Nothing can exceed the brilliancy and richness of their flowers. From the time the first blossoms appear until all growth is stopped by frost they are never out of bloom.

Single. Bulbs. Separate colors, scarlet, yellow, crimson, white, pink and salmon. Price, 30c each; set of six, \$1.50.

Double. Bulbs. Separate colors, scarlet, crimson, white, yellow, pink and salmon. Price, 35c each; set of six, \$1.75.

CALADIUM, Fancy-Leaved (Bulbs)

Useful for pot culture, window boxes, etc. Most of the varieties planted about June 1st in partially shaded borders succeed admirably as bedding plants. The richness of coloring is bewildering. Brilliant red and green, green with spots and red veins, etc. Price, Bulbs 50c each; \$5.00 doz.

CANNAS

The popularity of the Canna as a bedding plant will never wane. There are few plants in cultivation that are more colorful or more majestic than the orchid-flowering types.

City of Portland. Deep rich pink. Foliage green. Height 5 feet.

Eureka. Rich creamy white. Foliage green. Height 4½ feet.

King Humbert. A brilliant orange-scarlet with bright red shadings. Large trusses of blooms. Foliage a rich, reddish bronze with lighter shadings. Height 5 feet.

Little Gem. The height rarely exceeds two feet. An early and continuous bloomer. Flowers orange scarlet with yellow edgings.

The President. Green foliage. Color bright glistening scarlet. The individual florets often measure seven inches across when open. Height 5 feet.

Yellow King Humbert. The flowers, bright yellow spotted with red, are of the largest size, heads full and borne well above the green foliage.

Price, dormant roots, 3 for 50c; \$1.25 doz.; \$10.00 per 100. Growing plants, ready May 1st, 3 for 75c; \$2.50 doz.; \$20.00 per 100.

GERBERA HYBRIDS. Transvaal

Daisy

These, the most beautiful of all daisies, are half hardy perennials. They may be grown in the garden during the summer, or indoors during the winter months. Mixed colors.

Price, plants from 3-inch pots, 35c each; \$3.50 doz.

GIANT MOONFLOWER

Set out early in May will grow from 30 to 40 feet during the season. The flowers are pure glistening white, often over seven inches in diameter, they possess an enchanting fragrance reminiscent of Sweet Magnolia.

Price, 30c each; 3 for 75c; \$2.50 doz.; \$20.00 per 100.

GLOXINIA New Hybrid (Bulbs)

The handsomest of our summer-blooming plants. The rich coloring and speckling of the flowers are beautiful in the extreme.

Price, mixed colors, 35c each; 3 for \$1.00; \$3.50 doz.

JASMINE GRANDIFLORUM

(Star Jessamine.) A lovely, sweet-scented house plant. White, star-shaped flowers.

Price, plants from 3-inch pots, 35c each; \$3.50 doz.

IVY

English. Popular for window boxes, etc. Price, plants from 4-inch pots, 75c each; \$7.50 doz.

LEMON VERBENA

The leaves when dried will retain their fragrance for a long time.

Price, plants from 2-inch pots, 25c each; \$2.50 doz.



CALADIUM
FANCY LEAVED



NEW HYBRID
GLOXINIA



BEGONIA
TUBEROUS ROOTED
DOUBLE



CANNA
YELLOW
KING HUMBERT



GIANT
MOONFLOWER

New and Select Hardy Perennial Plants

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.

ASTERS

WARTBURG STAR, Early Flowering

The plants grow about two feet high, and are a mass of bloom during May and June. The three-inch flowers are true lavender-blue. Marguerites with yellow centers.

Price, 35c each; \$3.50 doz.

FRIKARTI (Wonder of Stafa)

The large, well-formed blooms are produced in great profusion from the middle of August until October. They are a lovely lavender-blue color. Height, 2½ feet.

Price, 50c each; \$5.00 doz.

AUTUMN FLOWERING ASTERS Michaelmas Daisies

Highly prized for their profusion of blooms during the late summer and early autumn.

Harrington's Pink. A lovely bright rose-pink, showing no trace of magenta. The plant is of good habit, attaining a height of about 3½ feet.

Price, 50c each; \$5.00 doz.

Skylands Queen. Beautiful light blue; begins flowering in August. Height, 3 to 4 feet and spreading. Fine for cutting.

Price, 35c each; \$3.50 doz.

Snowdrift. Branching pyramids of large, semi-double, snow-white flowers in early September. Height, 2 to 3 feet.

Price, 35c each; \$3.50 doz.

DELPHINIUM

Extra Select Pacific Hybrids

An extra strain of regal Delphiniums. Truly the most imposing, the most majestic, the most beautiful subjects of the hardy garden. The colors are a revelation of the sheer exquisiteness of the harmony of blues; from the most delicate porcelain blue to the deepest ultra-marine, through a delightful array of lavender, mauve and pink tones, to rich purplish hues. These hybrids contain many double, semi-double, also single flowers, which are produced on plants which range from 4 to 6 feet high, with spikes frequently 2 feet long, and they bloom from June to late fall.

Price, 1-year plants, 75c each; \$7.50 doz.

New Perpetual Flowering Dianthus OLD SPICE (Plant Patent 499)

Our experience with this new Dianthus at our trial grounds last season convinces us that it is a plant of exceptional merit. It is extremely hardy. Its habit of growth is compact and cushion-like; flower stems are about 1 foot tall. It begins flowering in June and continues up to late Autumn. The perfectly formed flowers average two inches across and are a pleasing soft salmon pink in color; its fragrance is rich and spicy. It is a hardy border plant par excellence and an ideal cut flower.

Price 60c each; \$1.50 for 3; \$5.00 doz.

GYPHOPHILA, Baby's Breath

Bristol Fairy. Double, Everblooming. A great improvement over the old types of Gypsophila; the individual blossoms are larger, the panicles are also larger, and they are produced in great abundance throughout the entire summer up to November.

Price, grafted plants, 40c each; \$4.00 doz.

Pink Veil. Compact habit with flowers of a pronounced pink color.

Price, 40c each; \$4.00 per doz.

HEMEROCALLIS, New Giant Hybrid

Dover. Bloomed at our Trial Grounds on May 25th. Deep gold flowers of large size produced very freely.

Hyperion. The flowers are a fine citron yellow produced in great numbers on stout stems about 40 inches tall. The buds open well in water and emit a most delightful fragrance. Perfectly hardy anywhere. Grows in dry, wet, sunny or shady places, and blooms throughout July and early August.

Margaret Perry. Buff orange lined with red. Blooms in July and August.

Price of above, 75c each; \$7.50 doz.

HIBISCUS, Large Flowering Mallows

A greatly improved form of the popular marsh mallows; flowers 8 to 10 inches; plants 5 to 6 feet. Excellent for background and landscape planting. Bloom from July to October. We offer **Giant Pink, Red and White with Crimson Eye.**

Price, 35c each; \$3.50 doz. Set of 3, \$1.00.



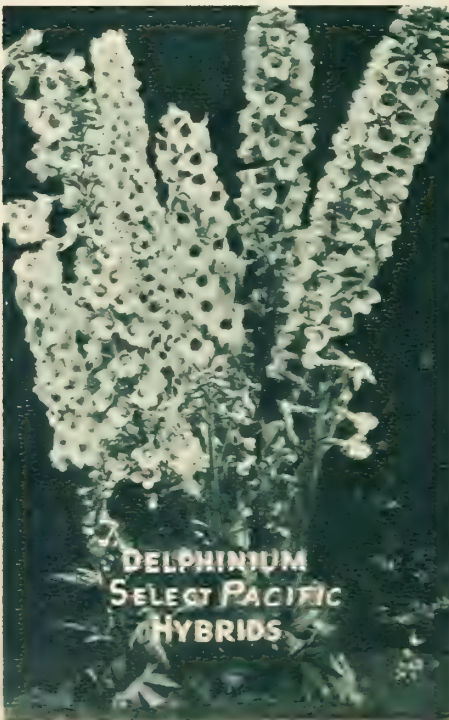
DIANTHUS OLD SPICE

Combines beauty, fragrance and an abundance of flowers.

HOLLYHOCK, Hardy, Double Magnificent Strain—Wonderful Formation

We have for years selected those that show the most perfect form, largest size and purest color. In the whole range of hardy garden plants there are none more majestic.

We offer the following colors: Purple, White, Salmon, Yellow, Pink and Crimson. Price, 35c each; \$3.00 doz.



New and Select Hardy Perennial Plants

PENTSTEMON, FIREBIRD (New)

This beauty came to us from Switzerland, where it is known as Pentstemon Shonholzerii. The flowers are foxglove-like in size, on stems about 18 to 24 inches tall, and are a most beautiful crimson overlaid with an orange sheen. The plant is easily grown, is free from insect pests, flowers freely, creates a lovely effect in the flower garden, and is a cut flower par excellence.

Price, 60c each; \$1.50 for 3 plants; \$5.00 per doz.

SCABIOSA, HOUSE'S HYBRIDS

The flowers, which average from 3 to 4 inches across, are produced on long strong stems and in profusion from July to October. The colors range from pure white, through lavender, mauve light and bright blues to deep blue and purple. We offer mixed colors only. Height, 2½ feet.

Price, 40c each; \$4.00 per doz.

GIANT STOKESIA, Blue Moon

A vigorous growing, perfectly hardy, and free-flowering variety of exceptional merit. Flowers often measure 5 to 6 inches in diameter. The stems are 12 to 18 inches long, bringing the large, vividly blue, disc-like flowers well above the plant.

Price, 45c each; \$1.25 for 3 plants; \$4.00 per doz.



PENTSTEMON
FIREBIRD

TRITOMA SPRINGTIME (New)

(Plant Patent 318)

A fascinating new hardy Tritoma which flowers in late June and July. The upper part of the flower is rich coral red, the lower half ivory yellow. These sparkling and clear contrasting colors hold one's attention in a pleasing manner. Springtime has been tested for hardiness for five winters in all kinds of soil, and has weathered these conditions without any protection. We heartily recommend this novelty. It combines beautifully in the garden with pale blue Delphiniums or Regale Lilies in flower at the same time. A well established plant will produce as many as 10 to 15 flower spikes about 3 feet tall. They are very graceful and superb for cutting.

Price, 65c each; \$6.50 per doz.

TRITOMA, Golden Torch Lily

Tower of Gold

This new variety is startling and beautiful. The plant is very graceful and the golden yellow flowers are borne sturdily erect. Height, 3 feet. Produced from August to frost.

Price, 50c each; \$5.00 per doz.

New Single Flowering Sweet Scented Violet,

See Color Plate page 118.

ROYAL ROBE

This newcomer in the Violet world is by far the most beautiful we have ever seen. Unlike other varieties of violets, the plant itself is a perfect picture. It develops into a compact rounded plant about one foot in diameter, and about a foot in height. The foliage is magnificent, healthy and bold and about four inches in diameter.

Its chief attraction however is the glorious flowers, which are the largest of any violet we have seen; they open flat like a pansy and are produced on long stems. The color is lustrous deep violet-blue, and its fragrance, which of course is the principal characteristic of any violet, is most delightful.

A few plants of Royal Robe in your garden will furnish quantities of lovely fragrant flowers for cutting in early Spring when flowers are most highly prized.

Price, 60c each; \$1.50 for 3; \$5.00 doz.



TRITOMA,
SPRINGTIME

VIOLET, HARDY DOUBLE RUSSIAN

The Finest in Cultivation

This violet is entirely hardy, perfectly double, a deep violet purple color and most deliciously fragrant. It is entirely free from disease of any kind, will grow and bloom in any garden and in any situation. Nothing is more appropriate for a partially shaded spot under trees, etc.

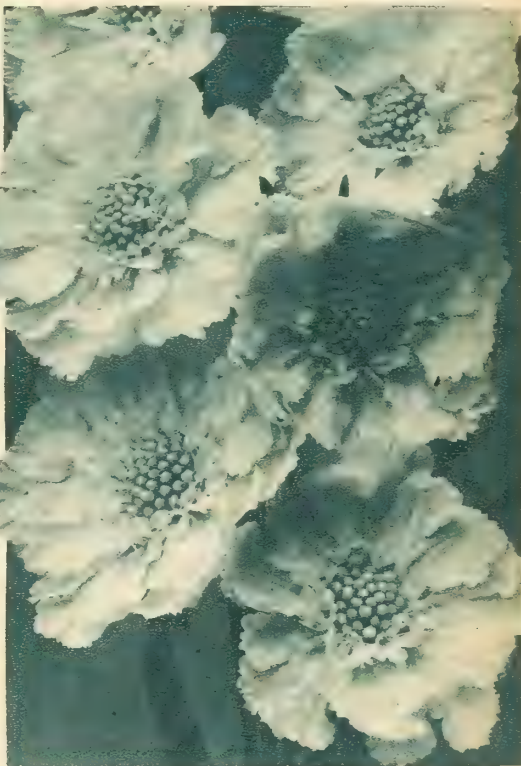
Price, 40c each; \$4.00 per doz.

YUCCA FILAMENTOSA

Adam's Needle

One of the hardiest and showiest plants we have. The flower spikes are borne in huge panicles above the sword-shaped foliage, which in itself has a sub-tropical effect. The large, white, waxy blooms are drooping in habit.

Price, 50c each; \$5.00 per doz.



SCABIOSA HOUSE'S HYBDS.



HARDY DOUBLE
RUSSIAN VIOLET



FERNS, Hardy, for the Garden

Given a porous soil, rich in humus, shady or partially shaded position and moisture, and they luxuriate, coming up year after year.

Adiantum pedatum, Maiden Hair Fern, height, 2 feet.

Athyrium Filix-foemina, Lady Fern, height, 2 to 3 feet.

Athyrium thelypterides, Silvery Spleenwort Fern, height, 2 to 3 feet.

Dennstedtia punctilobula, Hay Scented Fern, height, 1 foot.

Dryopteris marginale, Leather Fern, height, 1 to 1½ feet.

Dryopteris spinulosum, Spine Fern, height, 1 to 1½ feet.

Osmunda cinnamomea, Cinnamon Fern, height, 3 to 4 feet.

Osmunda claytoniana, Interrupted Fern, height, 4 feet.

Polypodium vulgare, Polypody Fern, height, 6 to 8 inches.

Polystichum acrostichoides, Christmas Fern, height, 1 to 2 feet.

Price, 35c each; \$3.50 doz.; \$25.00 per 100. Set of ten distinct sorts for \$3.00.



NEW PHLOX SALMON BEAUTY

GIANT BEARDED IRIS (Fleur de Lis)

For garden and landscape decoration, groups and masses of these May flowering Iris are most effective. Mixed colors 20c each; \$2.00 doz.; \$15.00 per 100

PEONIES

We offer strong divided roots. Double White, Double Crimson and Double Rose Pink. Price, 40c each; \$4.00 doz.

HARDY PHLOX

Wonderful improvements have been made in the Phlox Decussata in recent years. They are of the easiest culture, and during the late summer and fall months make the garden bright with their wealth of bloom. Their perfume is enchanting.

STANDARD VARIETIES

Commander Koehl. Dark blood-red. Large clusters on strong, tall stems. Flowers large, keeping their color in heat and rain. July and August. 2½ feet high.

Daily Sketch. Largest individual florets, and trusses of any Pink Phlox. It is a beautiful light salmon-pink with carmine eye. A lovely, dependable variety. Medium height.

Enchantress (Medium). The well-known bright salmon-pink with lighter shadings and dark red eye.

Europa (Medium). A pure white with a very decided crimson carmine eye; large flowers in good compact trusses.

Leo Schlageter (Medium). Strong grower; large, pyramidal trusses, brilliant scarlet-carmine flowers with darker center.

Mrs. Milly Van Hoboken (Medium). Color, bright pink with a slight and delicate mauve suffusion; strong grower and free flowering. The general color effect at a distance is a fine bright pink.

Mrs. Jenkins (Tall). The best tall, early white for massing.

New Bird (Medium). Deep crimson-red, almost vermilion, and purple eye. The flower heads are carried well above the foliage in well branched spikes. A very brilliant and excellent variety.

Painted Lady (Medium). This delicate colored sort is one of the most pleasing in our entire collection. Strong upright growth and large masses of flower heads. Silver pink with salmon shadings and cherry red eye.

Tigress. A truly remarkable Phlox. Vigorous grower; large healthy foliage grows 2½ to 3 feet. The trusses are huge pyramids of brilliant orange-scarlet.

Price of above, 35c each; \$3.50 per doz. Set of 10 Standard Phlox, \$3.00.

EVERBLOOMING HARDY PHLOX

Miss Lingard. Early flowering, this pure white variety is undoubtedly the most popular massing Phlox grown. It begins blooming in May and continues up to late October. Height 2 feet.

Price, 35c each; \$3.50 per doz.

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.

ROCK GARDEN PLANTS

HARDY ROCK GARDEN PLANTS

These plants are specially selected to produce an attractive display in the rock garden from early spring and throughout the summer to fall.

The construction of a rock garden is very simple. An attractive garden may be built anywhere by following the instructions given in our pamphlet—sent free on application—entitled "The Rock Garden."

AJUGA Reptans. 4 inches. Deep blue flowers in May and June. Will grow in shade.

ALYSSUM Saxatile Compactum. 12 inches. Golden-yellow flowers in May and June.

ARABIS Alpina. 10 inches. White; a good plant for shade. Blooms April to June.

ARMERIA Maritima. 3 to 6 inches. Pale pink; flowers in May and June.

CAMPANULA Carpatica. 8 inches. Clear blue flowers, June to October. Grows well in shady places.

CERASTEUM Tomentosum. 10 inches. Silvery foliage and white flower. Blooms in June.

CRUCIANELLA Stylosa. 6 inches. Purple ball-shaped flowers. Flowers in early summer.

DIANTHUS Alpinus Allwoodii. The loveliest rockery pink. The rose-pink flowers are produced on 4-inch stems in July and August. Plant in open sun.

DICENTRA Eximia. 15 inches. Pink flowers from April to fall.

HEUCHERA Sanguinea. 12 to 18 inches. Bright crimson flowers June to September.

IBERIS. 8 to 10 inches. A good rock plant with evergreen foliage and white flowers in spring.

MERTENSIA Virginica. 12 to 18 inches. Light blue flowers, changing to clear pink May and June.

PHLOX Divaricata Canadense. Fragrant lavender flowers in April and May. Grows well in shade. Height, 1 foot.

PHLOX Subulata (Moss Pink). 6 inches. Rose-pink vigorous grower flowers in Spring, prefers direct sun.

PLUMBAGO Larpentae. 6 to 8 inches. Of spreading habit. Deep blue, flowers from June to fall.

PRIMULA Veris. 8 inches, assorted colors. April and May, in sun or part shade.

SAPONARIA Ocymoides Splendens. 8 inches. Bright rosy-pink flowers May to August.

SEDUM Acre (Golden Moss). 2 inches. A moss-like, spreading plant with bright-yellow flowers in spring.

VIOLA Jersey Gem. 6 inches, flowers all summer in sun or part shade.

Price, any of above Rock Garden Plants 35c each; \$3.00 doz.; \$22.50 per 100. SPECIAL OFFER: One plant each of the 19 Selected Rock Garden Plants, \$5.00.

A QUINTET OF AMERICA'S FINEST NEW PHLOX American Beauty Red AUGUSTA

(U. S. Plant Patent No. 252)

A strong growing plant, about 2½ feet when fully grown, with rich bronzy green foliage. The color is a brilliant cherry-red, intense and sparkling.

Price, 45c each; \$4.50 doz.

Brilliant Carmine-Crimson FLASH

Gorgeous large Carmine-Crimson flowers with orange scarlet centers. They are produced freely on vigorous plants of medium height. Very showy.

Price, 45c each; \$4.50 doz.

Pure White MARY LOUISE

Pure glistening snow-white heads of unusually large size. The individual flowers are twice as big as any other White Phlox. A perfectly beautiful variety. It is a good grower, with clean foliage.

Price, 45c each; \$4.50 doz.

Majestic Salmon Pink SALMON BEAUTY

Giant bright salmon-rose florets with white centers combining into immense masses on dwarf plants very appealing.

Price, 45c each; \$4.50 doz.

Finest Lavender Blue SILVERTON

Clear pale lavender-blue, eye light phlox purple with halo. Of medium height and a strong grower. Individual florets reach 1½ inches. One of the loveliest.

Price, 45c each; \$4.50 doz.

SPECIAL OFFER: The Quintet of America's Finest Phlox \$2.00



GENERAL LIST OF HARDY PERENNIAL PLANTS

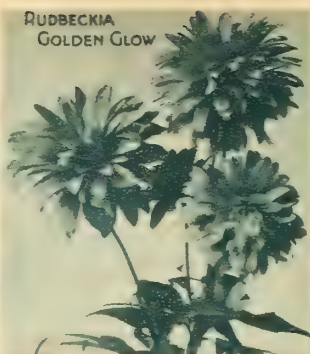
The following list of varieties was selected for their ease of culture as well as for the profusion and beauty of their flowers. The tabulation was made to simplify the selection of varieties. The heights given include the flower spike. Please also note the novelties and specialties offered on the two preceding pages, as well as the combinations shown on the opposite page. Send for our free pamphlet, "Henderson Planting Plans for Perennial Borders."

Variety	Common Name	Height	Color	Time of Bloom	Location	Soil	Uses
ACHILLEA Ptarmica, The Pearl...	Milfoil or Yarrow...	1 1/2 ft.	White	All Summer.	Sun	Dry	Massing & Cutting
ALYSSUM Saxatile	Golden Tuft	3/4 ft.	Yellow	Spring...	Sun	Well Drained	Border or Rockery
ANCHUSA Italica (Dropmore)	Alkane.	4-5 ft.	Blue	All Summer.	Sun	Rich	Superb for Massing
ANCHUSA Myosotidiflora	Forget-me-not Anchusa.	2 ft.	Brilliant Blue	May-June...	Sun or Shade	Any	Ground Cover or Rockery
ANEMONE Japonica Alba	Windflower	2-3 ft.	White	Sept.-Nov.	Sun or Shade	Moist	Ideal for Massing.
ANEMONE Hupehensis	Early Jap. Anemone.	1 1/2-2 ft.	Rose-Mauve	Aug.-Nov.	Sun or Shade	Moist	Border or Cutting
AQUILEGIA American Hybrids	Columbine	1 1/2-2 ft.	Assorted	June...	Sun	Light	Massing & Cutting
ARABIS Alpina	Rock Cress	1/2 ft.	White	April-May	Sun	Any	Border or Rockery
ARMERIA Maritima	Sea Pink	1/4 ft.	Rose Pink	All Summer.	Sun	Any	Edging or Rockery
BAPTISIA Australis	False Indigo	3 ft.	Blue	June-July	Part Shade	Any	Border or Wild
BOLTONIA Latisquama	Thousand Flo. Aster	3-5 ft.	Light Pink	Sept.-Oct.	Sun	Any	Massing & Cutting
CAMPANULA Carpatia	Carpathian Harebell	3/4 ft.	Blue	June-Oct.	Part Shade	Rich	Edging or Rockery
CAMPANULA Media	Canterbury Bell	2 ft.	Assorted	Early Sum.	Sun or Part Shade	Rich	Massing & Cutting
CARNATION Hardy Garden	Double Carnation	1 ft.	Assorted	All Summer.	Sun	Medium	Border & Cutting
CERASTIUM Tomentosum	Snow in Summer	1/2 ft.	White	June-July	Sun	Well Drained	Edging or Rockery
CHEIRANTHUS Allioni	Siberian Wallflower	1 ft.	Orange	May-June	Sun	Rich	Border or Rockery
COREOPSIS Golden Giant	Tickseed	2 ft.	Yellow	All Summer.	Sun	Any	Massing & Cutting
DELPHINIUM Wrexham Hybrids	Spire-Shaped Spikes	4-6 ft.	Assorted	All Summer.	Sun or Part Shade	Rich	Border & Cutting
DIANTHUS Barbatus	Sweet William	1 1/2 ft.	Assorted	Summer	Sun or Part Shade	Any	Border & Bedding
DIELYTRA Spectabilis— 50c each; \$5.00 doz.	Bleeding Heart	1 1/2 ft.	Delicate Pink	Spring	Part Shade or Shade	Moist	Border & Cutting
DIGITALIS Gloxiniaflora	Foxglove	3-5 ft.	Assorted	July-Aug.	Sun	Any	Border & Massing
DORONICUM Excelsum	Leopard's Bane	2 ft.	Yellow	May	Sun	Any	Border & Cutting
ERIGERON Speciosus	Midsummer Daisy	2 ft.	Lavender	June-Aug.	Sun	Any	Border & Cutting
EUPATORIUM Blue Mist	Hardy Ageratum	2 ft.	Blue	Aug.-Oct.	Sun	Any	Border & Cutting
FUNKIA Subcordata	White Day Lily	2 1/2-3 ft.	White	Aug.-Sept.	Part Shade	Moist	Border or Clump
FUNKIA Undulata Variegated	Variegated Day Lily	2 ft.	Blue	Aug.-Sept.	Sun or Shade	Moist	Edging & Massing
GAILLARDIA Grandiflora	Blanket Flower	1 1/2 ft.	Orange	June-Nov.	Sun	Medium to Rich	Border & Cutting
GAILLARDIA Burgundy	"	2 ft.	Wine-Red	June-Nov.	Sun	Medium to Rich	Border & Cutting
GEUM Mrs. Bradshaw	Arens	1 1/2 ft.	Bright Red	June-Aug.	Sun	Rich	Border, Showy
GYPSOPHILA Paniculata	Baby's Breath	2-3 ft.	White	Aug.-Sept.	Sun	Well Drained	Massing & Cutting
HELENIUM Superbum Rubrum	Helen Flower	5-6 ft.	Terra-cotta	Aug.-Sept.	Sun	Any	Background

Price for above, except where specially noted, 35c each; \$3.00 doz.; \$22.50 per 100.



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Variety	Common Name	Height	Color	Time of Bloom	Location	Soil	Uses
HELIANTHUS Multiflorus.....	Double Sunflower.....	1 ft.	Yellow.....	Aug.-Oct.....	Sun.....	Any.....	Massing & Natural
HEMEROCALLIS Flava.....	Lemon Lily.....	2 ft.	Lemon.....	Summer.....	Sun or Shade.....	Moist.....	Border & Waterside
HEUCHERA Sanguinea.....	Coral Bells.....	1-1 1/2 ft.	Crimson.....	June-Sept.....	Sun.....	Rich.....	Border, Rockery
IBERIS Sempervirens.....	Hardy Candytuft.....	3/4-1 ft.	White.....	Spring.....	Sun.....	Well Drained.....	Edging or Rockery
IRIS Kaempferi.....	Japanese Iris.....	2-2 1/2 ft.	Mixed.....	June-July.....	Sun or Part Shade.....	Moist.....	Border or Waterside
LAVANDULA Vera.....	Sweet Lavender.....	1 1/2 ft.	Lavender-Blue.....	July-Aug.....	Sun.....	Rich.....	Border & Cutting
LIATRIS Pycnostachya.....	Gay Feather.....	4 ft.	Purple.....	Summer.....	Sun.....	Any.....	Border & Cutting
LOBELIA Cardinalis.....	Cardinal Flower.....	2-3 ft.	Scarlet.....	Aug.-Sept.....	Part Shade.....	Moist.....	Border & Waterside
LUPINUS Polyphyllus.....	Lupine.....	2-3 ft.	Assorted.....	June-July.....	Sun.....	Moist.....	Border
LYCHNIS Chalcedonica.....	Campion.....	3 ft.	Scarlet.....	Summer.....	Sun.....	Light.....	Border, Showy
MERTENSIA Virginica.....	Virginian Blue Bells.....	1-1 1/2 ft.	Blue to Pink.....	Spring.....	Part Shade.....	Moist.....	Border & Rockery
MONARDA Didyma.....	Oswego Tea.....	2-3 ft.	Scarlet.....	July-Aug.....	Sun.....	Any.....	Border
MYOSOTIS Palustris.....	Forget-me-not.....	1/2 ft.	Blue.....	Spring.....	Part Shade.....	Moist.....	Border & Natural
PAPAVER Orientale.....	Oriental Poppy.....	3 ft.	Crimson Scarlet.....	Summer.....	Sun.....	Rich.....	Border & Cutting
PAPAVER O. Mrs. Perry.....	Pink Oriental Poppy.....	3 ft.	Salmon.....	Summer.....	Sun.....	Rich.....	Border & Cutting
PHLOX Divaricata Canadensis.....	Canadian Phlox.....	1 ft.	Light Blue.....	May.....	Sun.....	Rich.....	Edging & Rockery
PHLOX Subulata.....	Moss Pink.....	1/2 ft.	Purplish Pink.....	Spring.....	Sun.....	Any.....	Edging, Rockery
PHLOX Subulata Alba.....	Moss-Pink.....	1/2 ft.	White.....	Spring.....	Sun.....	Any.....	Edging, Rockery
PHYSOSTEGIA Vivid.....	False Dragon Head.....	1 1/2-2 ft.	Violet Mauve.....	July-Aug.....	Sun.....	Moist.....	Border & Cutting
PLATYCODON Grandiflora.....	Balloon Flower.....	1 1/2 ft.	Blue.....	June-Oct.....	Sun.....	Rich.....	Border & Cutting
PLUMBAGO Larpentae.....	Leadwort.....	1-2 3/4 ft.	Purple Blue.....	July-Oct.....	Sun.....	Any.....	Border & Rockery
PRIMULA Veris.....	Cowslip.....	8 in.	Assorted.....	Spring.....	Sun or Part Shade.....	Any.....	Border or Rockery
PYRETHRUM Hybridum.....	Persian Daisy.....	1 1/2 ft.	Assorted.....	Summer.....	Sun.....	Any.....	Border & Cutting
RUDEBECKIA Golden Glow.....	Golden Glow.....	6 ft.	Yellow.....	July-Oct.....	Sun.....	Any.....	Border Background
RUDEBECKIA Purpurea.....	Cone Flower.....	3 ft.	Red Purple.....	July-Oct.....	Sun.....	Any.....	Border & Cutting
SEDUM Spectabilis.....	Brilliant Stone Crop.....	1 1/2 ft.	Rose.....	July-Nov.....	Sun.....	Light.....	Border & Rockery
SHASTA DAISY.....	Largest Type.....	2-2 1/2 ft.	White.....	All Summer.....	Sun.....	Any.....	Border & Cutting
STOKESIA Cyanea.....	Cornflower Aster.....	1 1/2 ft.	Blue.....	June-Oct.....	Sun.....	Any.....	Border & Cutting
TRITOMA Pfitzerii—40c each; \$4.00 per doz.....	Torch Lily.....	2 1/2-3 ft.	Orange-Scarlet.....	Aug. to Nov.....	Sun.....	Well Drained.....	Edging or Border
VERBENA Venosa.....	Hardy Verbena.....	4 1/2 ft.	Purplish-Blue.....	Summer.....	Sun.....	Any.....	Border or Beds
VERONICA Spicata.....	Speedwell.....	3 ft.	Blue.....	August.....	Sun.....	Any.....	Border Background
VINCA, Bowles 40c each; \$4.50 doz.....	Everblooming Creeping Myrtle.....	6 in.	Mauve-Blue.....	All Summer.....	Part Shade or Shade.....	Moist.....	Border or Ground Cover
VINCA Minor.....	Creeping Myrtle.....	6 in.	Blue.....	Spring.....	Shade.....	Moist.....	Ground Cover
VIOLA Jersey Gem.....	Tufted Pansy.....	1/2 ft.	Violet.....	All Summer.....	Sun or Part Shade.....	Rich.....	Edging, Very Fine

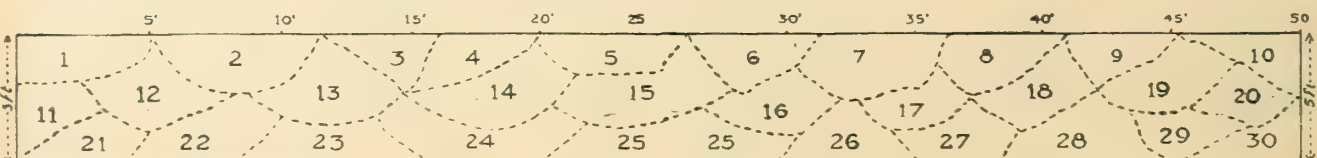
Price for above, except where specially noted, 35c each; \$3.00 doz.; \$22.50 per 100.

THE "IMPERISHABLE" PERENNIAL FLOWER BORDER FOR \$22.50

A sketch plan for a typical hardy perennial border is shown below. To make one like it, 5 by 50 feet would require 100 plants. We list below 30 varieties of contrasting heights and colors and the number of plants for each group. The number after each variety gives the position in which they should be planted.

Plants	No. on Plan	Plants	No. on Plan	Plants	No. on Plan	Plants	No. on Plan
3 Lobelia cardinalis.....	1	3 Baptisia Australis.....	9	3 Hemerocallis flava.....	16	4 Funkia variegated.....	23
2 Digitalis.....	2	3 Gypsophila paniculata.....	10	3 Coreopsis Golden Giant.....	17	3 Heuchera sanguinea.....	24
2 Anchusa Italica.....	3	3 Anemone Japonica.....	11	4 Campanula.....	18	4 Plumbago Larpentae.....	25
2 Boltonia Latisquama.....	4	4 Gaillardia grandiflora.....	12	4 Aquilegia.....	19	4 Arabis alpina.....	26
3 Rudbeckia purpurea.....	5	3 Achillea the Pearl.....	13	3 Papaver.....	20	3 Monarda didyma.....	27
3 Hibiscus.....	6	3 Pyrethrum.....	14	4 Alyssum Saxatile.....	21	3 Iberis.....	28
4 Delphinium formosum.....	7	3 Physostegia Virginica.....	15	4 Dianthus.....	22	3 Scabiosa.....	29
3 Helianthus multiflorus.....	8					4 Phlox Subulata.....	30

Special Offer—The Imperishable Border Collection, 100 plants, as listed above for \$22.50. Should any of the above varieties be sold out when order is filled we will substitute similar sorts unless instructed to the contrary.



Our pamphlet "Henderson's Planting Plans for Perennial Borders" sent on request when ordering.

New Chrysanthemums

RED VELVET

The Chrysanthemum of the Year

Mrs. Pierre S. duPont + Caliph is the parentage of this glorious new crimson. It is the perfect combination, adding the erect, clean-growing habit of Mrs. duPont to the rich color of Caliph. The shapely, full, double flowers, medium in size, are carried erect on good stems. The color, velvety crimson when opening, changes to an even dark crimson and it does not fade disagreeably, but remains attractive for a remarkably long period. The plant has healthy dark foliage and is attractive in itself long before flowering. Height, 2 ft. In full flower early October.

Price, 60c each; \$6.00 per doz.

MARJORIE MILLS

Finest of all Red Cushions

A captivating plant indeed is this new cushion variety in its varying tints and colors—deep crimson when opening shaded burnished chestnut-crimson, later becoming suffused with rose and bronze tints. The bushy, azaleum-like plants seldom exceeding 18 inches in height but somewhat wider, are simply covered with blossoms from late September on. For a really fine border effect, plant 20 inches apart in the row. Equally good in groups or as a single specimen.

Price, 60c each; \$6.00 per doz.

LAVENDER LADY

A True Aristocrat—Universally Admired

Breath-taking pure lavender. Full double blossoms, everyone a model of perfection. Without question the most distinct and popular Mum ever introduced. Husky, branching 2½ ft. plants. Early October.

Price, 50c each; \$5.00 per doz.

MRS. PIERRE S. DU PONT, III

The Nation's Favorite Bronze

An indescribable blend of peach-pink rosy salmon, and fawn. No double Mum compares with this truly magnificent creation. A glorious cut flower. Early October. Height, 2½ ft.

Price, 50c each; \$5.00 per doz.

SEPTEMBER BRONZE

The bronze tints of Autumn are beautifully reflected in about the shapeliest little pompon blossoms you have ever seen: quantities of them shading from golden bronze to intense warm bronze simply cover the plant from mid-September on through into November or killing frost. The color effect is always good because the plant is uniformly attractive all through—no jaded appearance at any time. We say September Bronze is absolutely the most colorful chrysanthemum to date.

Price, 40c each; \$4.00 per doz.

SEPTEMBER GOLD

Brilliant golden-yellow blossoms, trim and neat, twenty-five or more to a spray, completely cover the shapely, well rounded plants by mid-September and go on and on until the season's end. Colorful mounds, the plants are eighteen inches in height—much wider—the first season. Immensely prolific and somewhat earlier in succeeding years. A real advance.

Price, 40c each; \$4.00 per doz.



LAVENDER LADY

Henderson's New Bird Chrysanthemums

A Superior Strain of Early Flowering Pompons

(Shown in Colors on Page 118)

This new early flowering strain is fully from two to three weeks earlier than the standard sorts, and is consequently certain to produce a beautiful display before killing frosts set in. The flowers are produced in loose, finely proportioned sprays, which make them ideal for cutting for decorative arrangements. The Plants are perfectly hardy and require no protection in the latitude of New York.

1. **ROBIN.** An extremely showy variety. The flowers are somewhat quilled; the outer part being bright yellow and the center deep crimson. Height 24 inches.
2. **SNOWBIRD.** Lovely pure white with creamy center. A magnificent cut flower.
3. **ORIOLE.** A fine dwarf variety. The flowers are bright yellow and are produced in abundance. Compact habit.
4. **LARK.** Clear rose-pink with lighter reverse. A fine upright grower. Height about 30 inches.
5. **TANAGER.** The beautiful deep rich red blossoms which show a gold reverse, are majestically poised on fine long stems. Height, 30 inches.
6. **THRUSH.** A favorite for its dwarf compact habit, and great profusion of its golden yellow flowers which are tipped reddish bronze.

Price, 35c each; \$3.50 per doz.

Special: Set of six, \$1.75



MARJORIE MILLS

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.

Chrysanthemums, New and Improved Varieties



KING MIDAS

MANDARIN

EARLY, LARGE FLOWERING

We offer a group of new and recently introduced, early flowering hardy varieties that begin to flower right after October 1st and produce quantities of good sized flowers. Very desirable for cutting.

BURGUNDY—Wine Red. Great Double flowers, perfect form and depth in that rarest of colors—glowing wine-red. A strong stemmed, branching plant.

CALIPH—Deepest velvet red. Absolutely outstanding in this color. Grand in contrast with lighter colors. Husky 2½ ft. plant.

CYDONIA—Orange Bronze. It has the rich orange-red color of Quince with bronze overcast. Fine sprays.

EUGENE A. WANDER—First of the Season—A big, dazzling beauty. Huge, sparkling golden flowers, perfect in form, just cover the plant weeks before Mum Season. The largest, finest, early Mum; very hardy, too. September 15 or earlier. Height, 1½-2 ft.

JEAN CUMMING—White. When well grown easily the most perfect pure white. Large, very double.

KING MIDAS—Golden Yellow. From September on it produces large, double, bronze-yellow blossoms without letup in surprising profusion—every one perfect. A sturdy 2½ ft. plant.

MANDARIN—Coppery-Bronze. Unique and lovely in its exotic color blend. Glowing coral, salmon, and coppery-bronze.

PALE MOON—Pale Yellow. Large, fluffy blossoms on big sprays. Soft, lovely yellow and perfect to blend with other colors. Remarkably profuse.

ROSE GLOW—Lovely raspberry, rose-pink blossoms in glorious profusion from September on. Lovely combined with soft yellow.

THE MOOR—Crimson. Brilliant amaranth-crimson. A rich intense color.

Price 35c each; \$3.50 per doz. Set of 10 Early, Large Flowering for \$3.25.

POPULAR SINGLE VARIETIES

The popularity of the Single Chrysanthemums is ever mounting. For flower arrangements they are unsurpassed.

CLARA CURTIS. Produces masses of fragrant pink daisy-like blossoms when well established. Very hardy. It spreads rapidly. Early September. Price 50c each; \$5.00 per doz.

CRIMSON SPLENDOR—Crimson. Somewhat ruffled informal flowers, rich crimson. Always dependable. Price 35c ea.; \$3.50 per doz.

GOOD MORNING—Creamy Yellow. Very Profuse. Price 35c each; \$3.50 per doz.

SILVER MOON—White. New. This gleaming white Chrysanthemum has a degree of warmth and intensity that is entirely new, and for which there is a real need. No other kind like it! No other attains such early perfection! Price 50c each; \$5.00 per doz.

Set of 4 Single Chrysanthemums for \$1.35.

KOREAN HYBRIDS

Famed as the hardest of all the lovely types of chrysanthemums. These are all single or semi double and the colors are most exquisite.

APOLLO—Orange Bronze. Soft yellow sparkling orange bronze.

CERES—Soft Yellow. Shade of ripening grain.

DAPHNE—Old Rose. Lovely old rose when open.

LOUISE SCHLING—Salmon-red, toned bronze.

Price 35c each; \$3.50 per doz; Set of 4 for \$1.25.

STANDARD POMPONS

These beautiful colors liven up the autumn garden.

CLORINDA. Bronze; back of petals old gold.

COMETO. Pink, fine, rounded flower.

OCTOBER BRONZE. One of the finest bronze varieties.

SCARLET BEAUTY. Scarlet, shaded crimson.

VERA VICTORIA. A splendid variety; glowing bronze-yellow.

WANDA. Pure white; fine form.

Price, 30c each; \$3.00 per doz. Set of 6 for \$1.50.

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River and 20% for points West of the Mississippi River.



CLARA CURTIS



STANDARD POMPONS

Henderson's New and Recently Introduced Everblooming Roses

Our Roses are the finest quality No. 1 Stock. They are all Northern grown under the most sanitary and scientific conditions, and must not be compared with inferior, cheaply grown plants. We offer a select list of varieties.

We furnish these plants in a dormant condition in Spring up to May 1st and in the Autumn from October 25th up to as long as the ground is open. Owing to restricted labor conditions, we are unable to furnish potgrown plants this year. Send for pamphlet "Garden Culture of the Rose."

The All-America Prize Winners for 1944

New Everblooming Rose

MME. CHIANG KAI-SHEK (Patent applied for)

(See color plate page 118)

Winner of Highest Award 1944 All-America Selections

The naming of this magnificent new Rose by its originators in honor of such a magnetic and charming personality as Mme. Chiang Kai-Shek is indeed most fitting. This beautiful Rose also possesses true majestic proportions, charming form and sweet fragrance.

The long pointed buds open to full, beautifully formed creamy yellow, long stemmed flowers, over dark green, large and leathery, disease resistant foliage. The plant is free flowering, strong growing and upright in habit. It is certain to win the hearts of Rose lovers throughout the country. Supply limited.

Price, 2-year-old dormant plants, \$2.25 each.

New Everblooming Rose

LOWELL THOMAS (Patent 595)

Second Highest Award 1944 All-America Selections

This magnificent Rose, originated by the world-famous Rosarian, Charles Mallerin of France, was only a fraction of a point below the highest award winner. Named by the introducers in honor of the popular news commentator, Lowell Thomas. This new Rose possesses all the desirable features of a good garden rose; strong, vigorous growth and fine dark green resistant foliage.

The long, gracefully proportioned bud is a deep, rich yellow and the large high centered flower opens to a delightful butter yellow. It possesses an alluring fragrance.

Price, 2-year-old dormant plants, \$2.25 each.

New Roses of Outstanding Merit

PEARL HARBOR

"The Memory Rose"

(See color plate page 118)

An American introduction that fitly commemorates the place and occasion that united as one man the minds and hearts of every loyal American.

Some of the remarkable features of this Rose are embodied in a plant of tremendous vigor. It will grow and bloom freely under adverse conditions, and there is scarcely a period during the season when magnificent buds and flowers are not available. The large fragrant flowers are borne on vigorous canes; the buds are long and the upper surface of the petals is a delicate shell pink with golden bronze shadings at the base. The outer or reverse side of the petals is vivid Tyrian rose.

Another feature which will add to the popularity of this Rose is the scarcity of thorns on the stems, which appear practically thornless.

Price, 2-year-old dormant plants, \$1.75 each.

DOUGLAS MACARTHUR

"The Commander's Rose"

(See color plate page 118)

A grand new Rose has come into being. A very vigorous, hardy, free-blooming Rose. The name of America's outstanding soldier was chosen because it is also destined to be an outstanding leader among Roses.

Extensive trials in all sections of our country have proven the worth of this vigorous upright growing Rose.

The strong bushes send up numerous shoots clothed with dark green leathery foliage. As a flag unfurls, the long pointed buds open slowly into glorious high centered flowers of fine proportion. The color is hard to define, it being an exquisite blending of rose, gold and salmon.

When you pass in review of the Douglas MacArthur Roses in bloom in your garden and catch the beauty of their unfurling buds, you will surely give it a most merited salute.

Price, 2-year-old dormant plants, \$1.75 each.

ANZAC

"The Soldier's Rose"

Here is a Rose that requires no coddling; given the ordinary requisites of rich soil, moisture and sunshine, Anzac (the Soldier's Rose) will always do its duty in your garden.

Its vigorous growth and leathery foliage foretell the advent of many shapely buds and beautiful flowers. Buds of fifty waxen petals steeped in coral and washed with gold unfold into perfectly formed fragrant camellia-like flowers. As the flowers expand the original colors lighten, the golden flush at the base of the petals passes to yellow and the coral changes to rosy lake.

Price, 2-year-old dormant plants, \$1.75 each.

GRANDE DUCHESSE

CHARLOTTE

(Patented)

This Magnificent Rose Won Second Place for 1943

Among the Most Beautiful New Roses in Cultivation

Grande Duchesse Charlotte brings us an entirely new color shade in Roses. This would be classed with the reds, a claret shade that reminds one of sundown in the Grand Canyon of the Colorado, or as may be seen in some handsome old tapestries. The long streamlined buds of rich chestnut-claret open to very large, firm-petaled flowers of geranium red, changing to begonia-rose. In unfolding, the petals recurve to an informal, artistic form, with a hint of carnation perfume. Leaves are large, glossy and dark green.

Price, 2-year-old dormant plants, \$1.75 each.

HEART'S DESIRE

(Patent 501)

The All-America Gold Medal Winner for 1942

Heart's Desire possesses all of the good qualities that are desired in a rose. Originating from a fine lineage of dependable garden roses, it has inherited a strong constitution which results in a vigorous growing plant, with beautiful rich green foliage that is strongly disease-resistant. The color is an attractive deep red, which does not take on a purplish tint, nor is in any other way adversely affected by hot sunshine. The formation of the flowers is ideal, the buds are long and pointed. Its fragrance is that of an exquisite haunting perfume.

Price, 2-year-old dormant plants, \$1.75 each.

CHARLOTTE ARMSTRONG

(Plant Patent 455.) A 1941 All-America Award Winner. Acclaimed the finest rose introduction in recent years. The color is most unusual, blood-red in the bud, opening to cerise in hot weather and to spectrum-red in cool weather. Buds long and pointed; flowers 3 or 4 inches in diameter. The plant is extremely vigorous, semi-spreading to upright, and is continuously in bloom, producing flowers singly and occasionally in clusters. The foliage is leathery, semi-glossy, deep green and highly resistant to mildew.

Price, 2-year-old dormant plants, \$1.50 each.



HEART'S DESIRE

Henderson's Famous Everblooming Roses

We furnish these plants in a dormant condition in Spring up to May 1st and in the Autumn from October 25th up to as long as the ground is open. Owing to restricted labor conditions, we are unable to furnish pot grown plants this year. Send for pamphlet "Garden Culture of the Rose"

AMI QUINARD

Prized for the deep velvety luster of the buds and the crimson maroon tones in the open flower; fragrant. The plant is vigorous and upright.

APRICOT QUEEN

(Plant Patent 464.) A lovely combination of colors is to be noted in this glorious new Rose. Orange and apricot at the base of the petals, merging to salmon-rose and phlox-pink in the fully developed bloom is descriptive. The bud is long pointed. The fully developed flower shows a regular, well placed petal arrangement. A good strong grower, with handsome, leathery foliage which serves as a splendid foil to the perfectly formed buds and open bloom.

Price, 2-year-old dormant plants, \$1.50 each; \$15.00 doz.

AUTUMN

Compact, very double flowers of burnt-orange streaked with red; moderately fragrant. Close-growing, upright plants with heavy foliage.

BETTY UPRICHARD

A popular garden variety, on account of its perfectly-shaped, long-pointed bud, its long-lasting qualities when open, and its persistent blooming qualities. The buds are copper-red and open to a brilliant orange-carmine on outer petals with salmon reflexes. The fragrance is rich and spicy.

CHRISTOPHER STONE

In a nation-wide poll of rose growers, this variety ranked second in a list of ten best varieties. It is a bright scarlet red with perfectly formed flowers.

CONTRAST

The combination of colors in this exquisite bi-colored rose catches the eye at once, the reverse of the petals is milk white with bronze shadings at the base, the upper face is a superb shade of orange rose. The flowers are large, full petalled, fairly fragrant and produced in enormous quantity over the full rose season, grand for cutting purposes.

CRIMSON GLORY

(Plant Patent 105)

The plant is of spreading habit, so desirable for garden planting. The large buds are of typical urn-shape. They open into full, well-formed blooms of a deep vivid crimson shaded ox-blood red with a soft velvety nap.

Price, 2-year-old dormant plants, \$1.25 each; \$12.50 doz.

CROWN OF GOLD

The stems are slender but rigid. The bud is ideal in form, long and pointed; the open flower of splendid form with a rich, spicy perfume. The color, a heart of rich chrome-yellow shading cream at outer edges of the petal.

Price, 2-year-old dormant plants \$1.25 each; \$12.50 doz.

DAME EDITH HELEN

This grand rose is quite distinct and delightfully fragrant. Its petals turn back with that beautiful reflex peculiar to La France. Color a brilliant yet soft Rose du Barri pink.

EDEL

The plant is robust and well branched; the flowers are borne in great profusion throughout the entire season. They are large and full, sparkling white in color, with ivory shading in the center.

ETOILE DE HOLLANDE

Rosarians agree that this is the most popular red, everblooming garden rose in cultivation today. Its color is brilliant crimson, it does not turn bluish like many other red roses. The flowers are large and very fragrant.

GOLDEN CONDESA DE SASTAGO

A pure golden yellow sport of the lovely and popular Condesa. It enjoys the same habits of vigorous growth and bushiness. The flowers are large, full, rich and deep. Its fragrance is also most alluring.

Price, 2-year-old dormant plants \$1.25 each; \$12.50 doz.

GOLDEN RAPTURE

A splendid yellow rose of upright growth. The pure yellow buds are of ideal form. Beautiful large, double-flowers which last without fading. A splendid variety for cutting and for bedding. Highly perfumed.

Price, 2-year-old dormant plants \$1.25 each; \$12.50 doz.

GLOWING CARMINE

The name appropriately describes this beautiful new rose. It is a strong grower, producing big roses with many petals that last well when cut. A splendid brilliant and attractive color.

Price, 2-year-old dormant plants \$1.25 each; \$12.50 doz.

GRUSS AN TEPLITZ

Deep crimson. Noted for its pervasive fragrance that is specially delightful. The flowers come in clusters, each one perfect, but on slender stems. Rich crimson, changing to bright scarlet, shading to velvety fiery red.

HEINRICH WENDLAND

Large, long, pointed buds and very large double, full, high-centered, intensely fragrant flowers of unfading Nasturtium red. Reverse of the petals deep golden yellow.

HINRICH GAEDE

Truly a most unusual Rose, for there is nothing to equal it in color, which is a rich, luminous vermilion shaded golden yellow, such as is found in the modern Zinnias. It is a very free continuous bloomer, with a rich fruity fragrance. One of the most charming garden varieties.



CRIMSON
GLORY



CROWN OF GOLD



HINRICH GAEDE

Prices for the above,
except where
specially noted,
2-year-old
dormant plants
\$1.00 each;
\$10.00 doz.

Everblooming Roses

JOANNA HILL. The buds are long and pointed. They open into large, full, semi-double flowers. The color is clear yellow, orange-yellow at the heart.

MADAME JOSEPH PERRAUD. This rose, which was awarded a medal as "The Most Beautiful Rose In France," is carrying on its tradition in America for unusual coloring and habit of growth. The introducer speaks of it as "an enchanting *Nasturtium* buff, straying to a luminous shell pink at the petal edges." It is the nearest approach to a pure buff.

MARGARET McGREDY. Beautifully shaped, full, double flowers, distinct from all others in its rich coloring, which is a brilliant shade of Turkish or Oriental red, passing as the flowers age to a beautiful carmine-rose.

McGREDY'S SCARLET. The fragrant, full, double flowers are of good size. They are brilliant scarlet, orangy-yellow at base of petals, the upper portions of same being lightly touched with crimson.

MRS. PIERRE S. DUPONT. Nicely formed buds and double flowers of rich red-gold, almost orange in the depths of petals; spicy fragrance. A yellow Rose which blooms all the time and supplies good flowers. The plants are bushy and the glossy foliage is attractive. Highly recommended.

MRS. SAM McGREDY. A scarlet coppery-orange, heavily flushed with Lincoln red, which is particularly brilliant in sunshine. The flowers are large and full, and are delicately scented. Awarded Certificate of Merit of the National Rose Society of England.

MRS. WAKEFIELD CHRISTIE-MILLER. Color inside of petal soft pearly-blush shaded salmon, outside of petal clear vermilion-rose—a marvelous and delightful scheme of coloring. The blooms are of enormous size, retaining their wonderful bright coloring in the hottest sun.

PINK DAWN. A very pretty Rose of exceptional merit. Perfectly full, double flowers of a deep rose opening to lovely pink with an orange base. The showy blooms have a sweet fragrance. Of sturdy upright habit.

POINSETTIA. The name which so aptly describes this beautiful Rose was suggested by Dr. J. Horace MacFarland, of the American Rose Society. It has semi-double flowers of a bright rich scarlet color produced profusely during the whole season on vigorous plants of fairly tall growth.

Price, 2-year-old dormant plants, \$1.25 each; \$12.50 doz.

PRESIDENT MACIA. The longest soft pink rosebud you ever saw, with heavy veins of darker pink on the open flower; the form is fine, largest size and full, with cupped blooms nearly 6 inches across. The face of the petals is pale flesh, warmed with a yellow flush toward the base, the reverse rich pink. Fruity fragrance.

RADIANCE. "Radiance" is a brilliant rosy-carmine, displaying beautiful, rich and opaline pink tints in the open flower; the form is fine, largest size and full, with cupped petals. The bud is large, brilliant, radiant; the stems are long, and flowers borne erect.

RED RADIANCE. It is a clear red sport of the well-known and popular garden Rose "Radiance." It inherits all the fine qualities of the latter—vigorous growth, erect branching habit, and healthy dark green foliage. The stems are long and rigid. Deightfully fragrant.

SANTA ANITA (Patent Rights Reserved). In every way Santa Anita must be considered a lovely rose. The plant has the splendid habit and vigorous constitution so much desired in a garden rose. The flowers are perfectly formed and the buds are long and graceful. Its color is most appealing, being a crystal clear peach-blossom pink. It also possesses an enchanting delicate sweet fragrance that adds much to its loveliness.

Price, 2-year-old dormant plants \$1.25 each; \$12.50 doz.

SOEUR THERESE. Named in honor of Sister Therese, the famed French Saint of Liseux, who is popularly known as The Little Flower. The bud and bloom are large, golden yellow, changing to cadmium-yellow, the edges are spotted carmine. It is very hardy and vigorous, and blooms freely all season.

SOUVENIR DE CLAUDIUS PERNET. A popular variety supplying a long-wanted yellow Rose; fine buds of clear yellow, the edge of the petals being somewhat lighter. A strong growing plant with glossy foliage.

TEXAS CENTENNIAL (Plant Patent No. 162). A sport of President Herbert Hoover, having the same wonderful qualities. The color is blood-red, toning to cerise-red in the center. Very unusual.

Prices for the above except where specially noted 2-year-old dormant plants \$1.00 each; \$10.00 doz.

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.



PINK DAWN



TEXAS CENTENNIAL



SANTA ANITA

HENDERSON'S *Victory Garden* COLLECTION OF SIX EVERBLOOMING ROSES

Shown in Colors on Opposite Page

In this group, we have brought together six of the most beautiful Roses in cultivation, distinguished for their vigor, and tree flowering qualities—for the loveliness of the coloring and formation of the flowers—and for the delightful fragrance of most of them. We can heartily recommend them as being six of the finest garden roses we have ever offered. Our pamphlet "Garden Culture of the Rose" sent with every group. We furnish these plants in a dormant condition in Spring up to May 1st and in the Autumn from October 25th up to as long as the ground is open. Owing to restricted labor conditions, we are unable to furnish pot grown plants this year.

1. CONDESA DE SASTAGO

Rich yellow buds unfold into copper-colored blooms, with the yellow on the reverse, making a conspicuous and startling effect as the flowers reach different stages. Blooms are fully double with alluring raspberry fragrance. An exceptionally vigorous and bushy grower.

Price, strong 2-year-old dormant plants, \$1.25 each; \$12.50 doz.

2. CALEDONIA

Caledonia is considered by many rosarians as the most desirable white rose grown. The graceful long pointed bud opens to a very double, high centered flower. It makes an ideal cut flower because it is long lasting and sweetly fragrant. The plant is upright and vigorous; a continuous bloomer.

Price, strong 2-year-old dormant plants, \$1.00 each; \$10.00 doz.

3. THE DOCTOR

A clear rose-pink of enormous size, with large stiff petals. Plant moderately vigorous, but very floriferous, delightful Verbena fragrance, and good foliage. A variety that was awarded the National Society Gold Medal.

Price, strong 2-year-old dormant plants, \$1.25 each; \$12.50 doz.

Special Offer: HENDERSON'S VICTORY GARDEN COLLECTION of Six Everblooming Roses 2-year-old dormant plants, \$6.50

4. TALISMAN

A strikingly beautiful Rose. In the bud it is particularly attractive. The color is a combination of gold yellow, apricot and deep pink or old rose. The outside of the petals is bright yellow gold and pink; as the flowers expand they become bright apricot gold and deep rose pink.

Price, strong 2-year-old dormant plants, \$1.00 each; \$10.00 doz.

5. E. G. HILL

A name that has long been associated with fine Roses, this variety produces beautiful long buds of dazzling scarlet. The flower is high-centered; the plant is strong, vigorous and free flowering.

Price, strong 2-year-old dormant plants, \$1.00 each; \$10.00 doz.

6. PRESIDENT HOOVER

Strong, vigorous growth. Flowers large and full. Color, a combination of cerise-pink, flame, scarlet and yellow, in beautiful contrast which brings out the strong individuality of this charming rose.

Price, strong 2-year-old dormant plants, \$1.25 each; \$12.50 doz.

EVERBLOOMING FLORIBUNDA ROSES

This new group has achieved almost instantaneous popularity for its many uses in the garden. Floribunda Roses are extremely hardy, also extremely free flowering. They are valuable for planting in the foreground of shrubbery, also for hedge purposes and for border plantings along driveways, etc. We offer the following varieties:

BABY CHATEAU. Large, semi-double flower clusters of velvety dark red not unlike Chateau de Clos Vougeot.

DAGMAR SPATH (WHITE LAFAYETTE). White. Large trusses of pure white flowers produced freely all summer. A sport of Lafayette and a good bedding Rose.

FLUFFY RUFFLES. Lovely, semi-double, silvery pink flowers enhanced with a rich rose color on the reverse.

EVERBLOOMING POLYANTHA ROSES

They range from 1½ to 2 feet high and produce large clusters of small flowers in abundance throughout the summer. Very desirable for bedding, borders, etc.

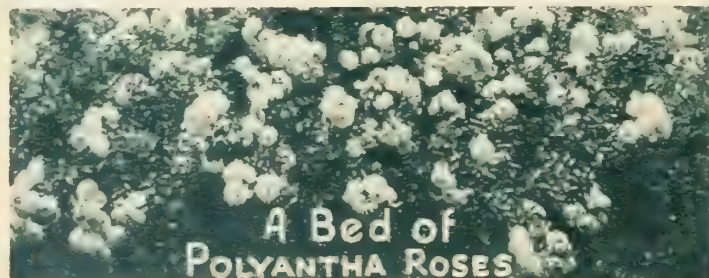
CECIL BRUNNER (Sweetheart or Fairy Rose). Dainty, perfectly formed buds and flowers, light pink with a yellow base, blooms prolifically.

CHATILLON. A lovely clear pink, the large clusters of semi-double flowers are produced in great abundance.

GLORIA MUNDI. Orange scarlet, a brilliant color unexcelled for bedding.

MARIE PAVIE. Charming, fully double, pure white flowers produced with the greatest freedom. Valued for its lovely and delightful fragrance.

Price, any of above 2-year-old dormant plants, \$1.00 each; \$10.00 doz.



A Bed of
POLYANTHA ROSES

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.

SELECT HYBRID PERPETUAL ROSES

Popular June Flowering Roses distinguished for their hardiness and for this reason are largely planted in the North.

AMERICAN BEAUTY. A hardy Rose of the largest size, having the ever-blooming qualities of the Tea Rose, with the delicious odor of the Damask Rose, consequently equally valuable for winter or summer flowering. In color, it is a deep, brilliant rosy-carmine.

FRAU KARL DRUSCHKI. This beautiful, large snow-white variety is now very popular, sometimes being called the White American Beauty. Splendid buds and immense flowers, 4 to 5 inches across; perfectly double and delightfully fragrant; large, thick petals.

GEN. JACQUEMINOT. The popular hardy crimson "Jack" Rose. It is a strong, vigorous grower, entirely hardy; an early and abundant bloomer. Its brilliant crimson is the standard of color by which other Roses are judged; flowers full and fragrant.

MAGNA CHARTA. Vigorous constitution, freedom of bloom and handsome foliage. Flowers bright, deep pink; very large and fragrant.

PAUL NEYRON. Probably the largest of all roses. Color, clear dark pink shaded carmine. Flowers, bold and handsome; very fragrant.

ULRICH BRUNNER. Large and cupped; bright cherry-red, and very fragrant. Long flower stalks almost devoid of thorns.

HYBRID RUGOSA ROSES

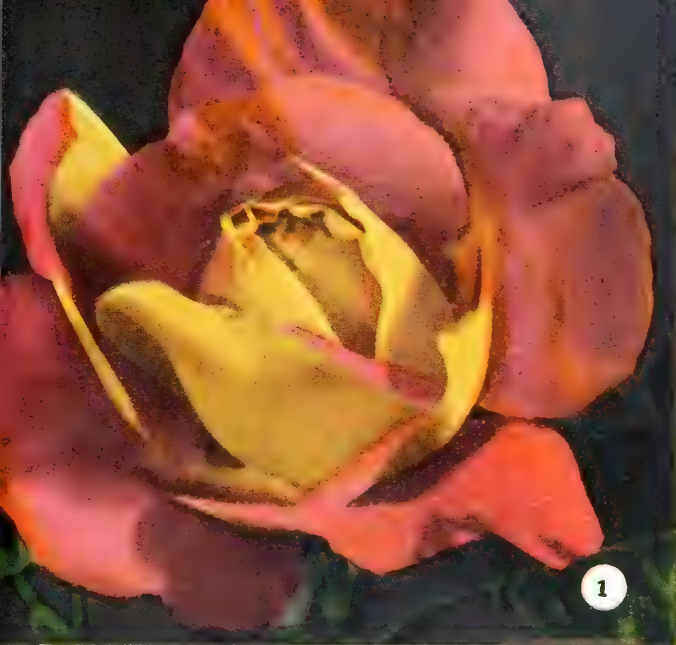
Shrub roses, more vigorous and hardier than most other types grown. Excellent for hedges, also as specimens in a shrub border.

BLANC DOUBLE DE COUBERT. It produces hundreds of double white flowers throughout the summer.

ROSA RUGOSA RUBRA. This is not a hybrid, but the old fashioned Single Red variety that is so popular for the dainty formation of the flowers which are followed later in the season with brilliant red hips or seed pods.

MAX GRAF (Trailing Hybrid Rugosa Rose). Valuable as a ground cover or for planting on steep banks. The foliage resembles the Rosa Rugosa and remains green until late fall. Flowers are single, bright pink, with pretty crimped petals. Grows well in partial shade under trees.

Price any of above 2-year-old dormant plants, \$1.00 each; \$10.00 doz.



*Henderson's
Victory Garden Collection*

OF SIX EVERBLOOMING ROSES

Strong Two-Year-Old Field Grown
Dormant Plants (see opposite page)

\$6⁵⁰

1944 Garden Attractions

NEW ROSES

(Described on page 113)

- (A) **Pearl Harbor**
Price \$1.75 ea.
- (B) **Mme. Chiang Kai-Shek**
Price \$2.25 ea.
- (C) **Douglas MacArthur**
Price \$1.75 ea.

NEW SWEET-SCENTED VIOLET

- (D) **Royal Robe**
(Described on page 107)
Price 60c ea.; \$5.00 doz.

HENDERSON'S NEW BIRD CHRYSANTHEMUMS (E)

(Described on page 111)
Price, set of 6, \$1.75



A



D



B



C



E

Popular Hardy Climbing Roses

We furnish these plants in a dormant condition in Spring up to May 1st and in the Autumn from October 25th up to as long as the ground is open. Owing to restricted labor conditions, we are unable to furnish pot grown plants this year. Send for our pamphlet "Garden Culture of the Rose."

EASLEA'S GOLDEN RAMBLER *Plant Patent 114*

Easlea's Golden Rambler is not a rambler in the accepted sense of producing clusters of small roses, but on the contrary the flowers are large, perfectly formed and almost 4 inches in diameter, and are fully double, containing from 30 to 40 petals. The color is rich, deep yellow, with splashes of crimson in the center of the flower. The rich olive glow of the foliage and the red flowering wood present a striking and lovely contrast when the plant is covered with flowers.

Price, 2-year-old dormant plants, \$1.50 each; \$15.00 doz.

APRICOT GLOW *Plant Patent 200*

A truly magnificent climber with medium sized flowers of a light apricot color shading yellow at the base. Produced in large trusses. The flowers are double, nicely formed of a pleasing fruity fragrance.

Price, 2-year-old dormant plants, \$1.25 each; \$12.50 doz.

CLIMBING AMERICAN BEAUTY

The rosy crimson flowers, 3 to 4 inches in diameter, are identical with its pollen parent, the American Beauty, and have the same exquisite fragrance, a quality rare in climbing roses. Of strong habit of growth, making shoots of from 10 to 15 feet in one season; hardy as an oak. Disease proof, glossy foliage.

CLIMBING TALISMAN

A climbing type of the popular Talisman. Requires winter protection in the North.

DR. W. VAN FLEET

The color is a remarkably delicate shade of flesh pink on the outer surface, deepening to rosy flesh in the center. The flowers are full and double, of delicate perfume, buds pointed, stems 12 to 18 inches and fine for cutting. The foliage is a peculiar shade of bronze-green, large and glossy.

EMILY GRAY

Color clear golden yellow, all flowers are double, with long buds, and attractive, dark green foliage. Very free flowering, splendid growing habits.

MARY WALLACE

A Pillar Rose growing 6 to 8 feet high, with large, glossy foliage blooming with great freedom in the Spring, and bearing quantities of flowers in the Spring and early Summer. Flowers about four inches across, semi-double, bright clear rose pink.

PAUL'S SCARLET CLIMBER

The flowers, a vivid scarlet, are of good size, semi-double, very freely produced in clusters of from 3 to 20 flowers each on much branched canes, the plants being literally covered from top to bottom with bloom. It is of strong climbing habit.

SILVER MOON

The flowers run 4½ inches and over in diameter, clear silver white in color, petals, of great substance and beautifully cupped. The center is filled with bright yellow stamens, a very attractive feature. It is very floriferous; foliage glossy bronze-green.

Prices for any of the above, except where specially noted, 2-year-old dormant plants, \$1.00 each; \$10.00 doz.

EVERBLOOMING CLIMBERS

NEW DAWN *Plant Patent 1* Everblooming Pink Climber

A sport from the Dr. W. Van Fleet. The color is a delicate shade of flesh pink on the outer surface, deepening to rosy flesh in the center like the Dr. W. Van Fleet. It is also identical with its parent in size and formation of its flowers and habit of growth. In addition, it blooms continuously through the summer and fall months.

Price, 2-year-old dormant plants, \$1.50 each; \$15.00 doz.

PROSPERITY White Climbing or Pillar Rose

Prosperity is a true Everbloomer with extra large clusters of lasting white flowers tinted pink in the bud. When fully developed, it will attain a height of about 8 feet; it is therefore best adapted for a pillar rose or for covering walls or fences. It blooms during June and July on the old wood and continues flowering to late fall on the wood produced during the current year.

Price, 2-year-old dormant plants, \$1.50 each; \$15.00 doz.

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.



EASLEA'S



**CLIMBING
AMERICAN BEAUTY**



Hardy Vines for Garden Draperies

AMPELOPSIS

VEITCHII "Boston Ivy"

Entirely hardy, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to houses, as the leaves, lapping over each other like slates on a roof, effectually prevent rain from penetrating the walls. For covering dead trees, boundary walls, etc. Beautiful autumn foliage.

Price, strong one-year pot-grown plants, 50c each; \$5.00 doz.; \$40.00 per 100.

QUINQUEFOLIA—Virginia Creeper or American Ivy

Where a fast-growing, rampant and extremely hardy vine is desired, plant this variety. Ideal for covering boulders, stumps of trees, etc.

Price, 2-year-old plants, 60c each; \$6.00 doz.

BIGNONIA RADICANS Trumpet Creeper

Well adapted for covering walls, arbors, and unsightly places where a showy flowering vine is desired. It is a rapid grower, perfectly hardy and thrives well in exposed places. The flowers are trumpet-shaped and a brilliant orange scarlet.

Price, 60c each; \$6.00 per doz.

CELASTRUS SCANDENS Bitter Sweet

A rapid growing climber with ornamental light green foliage, yellow flowers in June and bright orange, yellow and crimson fruit in the autumn. It is known by the popular name Bitter Sweet.

Price, 60c each; \$6.00 per doz.

CHINESE FLEECE OR SILVER LACE VINE

Polygonum Auberti

It is our experience that this hardy vine will thrive better in windswept exposed places such as roof gardens, than any other known vine, and it does well in direct sunlight or in the shade.

The Chinese Fleece will attain a height of about 25 feet during the season, and in late summer it produces panicles of small white flowers that resemble strings of silver beads. The foliage is bright, shiny green and prolific; the vine is ideal for covering porches, pergolas, trellises, etc.

Price, 75c each; 3 for \$2.00; \$7.50 per doz.

CLEMATIS

Jackmanii. The best-known and most valued variety. Color rich, dark, royal purple. The flowers average three inches across.

Price, strong plants, \$1.25 each; \$12.50 per doz.

Henryi. The most beautiful pure white of the large-flowering group. The flowers of this variety also average 3 inches across.

Price, strong plants, \$1.25 each; \$12.50 doz.

Paniculata. Blooms in the early fall and is one mass of fleecy-white fragrant flowers. These are succeeded by the silken seed vessels almost as ornamental as the flowers. It will grow 5 to 20 ft. in a season. It is insect-proof, it is perfectly hardy, it adapts itself to all situations, thrives everywhere and need only be seen to be admired.

Price, strong 2-year-old plants, 50c each; \$5.00 doz.

ENGLISH IVY

Its value for outdoor window boxes is recognized widely. It is also a good climbing plant for the house. For covering graves in cemeteries it is unsurpassed, being evergreen. Used extensively also as a hardy climber.

Price, strong plants, 4 in. pots, 75c; \$7.50 doz.

EUONYMUS Radicans Varg.

A low variegated trailing plant with small green leaves edged with white. The branches will cling to stone or root along the ground, making it useful as a ground cover or for covering low walls.

Price, 60c each; \$6.00 doz.

HONEYSUCKLE Lonicera

Halleana Hall's Honeysuckle. Pure white flowers, changing to yellow. Very free blooming and fragrant. It produces its main crop of flowers in early summer and again scatteringly during September. It is excellent for porches, trellis fences or hedge-rows.

Price, 50c each; \$5.00 doz.; \$40.00 per 100.

LONICERA SEMPERVIRENS MAGNIFICA

New Everblooming Coral Honeysuckle

Beautiful tubular flowers of a striking orange-scarlet color. Blooms continuously from early June until October. Magnificent foliage and brilliant flowers. Perfectly hardy. One of the most satisfactory vines ever offered.

Price, \$1.00 each; \$10.00 doz.

PACHYSANDRA TERMINALIS Spurge

A trailing plant which grows 6 to 8 inches high, forming a dense mat. The small flower spikes are grayish-white and produced in May and June. It is largely used as a ground cover in shady places, being one of the few plants that will thrive under trees. Does equally well in sunny locations, and makes an excellent border for hardy shrubs, flower beds and walks. Plant 12 to 18 inches apart.

Price, 25c each; \$2.50 doz.; \$20.00 per 100.

WISTERIA Chinese

Ornamental hardy climbers. Their lovely panicles of blue and white flowers produce in wonderful profusion are without a rival. Strong, 2-year-old, grafted plants.

Sinensis, White. Flowers in drooping clusters, pure white.

Price, \$1.25 each; \$12.50 doz.

Sinensis, Blue. Flowers in drooping clusters, soft lavender blue.

Price, \$1.25 each; \$12.50 doz.

HARDY GROUND COVER PLANTS FOR SUNNY SITUATIONS

Lonicera Halleana—Described below.

Phlox Subulata—See page 110.

Trailing Rose Max Graf—See page 116.

FOR PARTIAL SHADE

Ajuga Reptans—See page 108.

Anchusa Myosotidiflora—See page 109.

Ampelopsis Quinquifolia—See preceding column.

FOR DEEP SHADE

English Ivy—See preceding column.

Pachysandra Terminalis—See above.

Vinca Minor—See page 110.



CHINESE FLEECE VINE

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.

New Hardy Flowering Shrubs

This is the first time in a number of years that it has been our privilege to bring before our Customers a group of New Hardy Flowering Shrubs, which for sheer beauty should command a central position in every garden. Two of them—the Daphne Somerset and Viburnum Burkwodi—possess an enchanting fragrance which alone would merit a place for them. Plant as early in Spring as possible.

CARYOPTERIS (Blue Spirea)

This charming plant is a real contribution to the meagre list of summer and fall flowering shrubs. It is covered from August till late autumn with clusters of powder-blue fringed flowers. This shrub grows about 18 to 24 inches tall and is perfectly rounded, making a small mound about two feet in diameter. The foliage is silvery green in color. A truly worthwhile plant for the foreground of the shrubbery border.

Price, strong 2-year plants, 12 to 15 inches high, \$1.75 each; \$17.50 doz.

NEW HARDY DAPHNE SOMERSET (Plant Patent 315)

This deliciously fragrant and easy-to-grow Hybrid Daphne originated in England a few years ago. It has received the highest honors from The Royal Horticultural Society. It has been on test in this country for five years, and has successfully wintered without protection, through all kinds of weather. During May and early June the plants are covered with delightfully scented bluish-pink, star shaped flowers. The fragrance is similar to that of Daphne Cneorum.

The foliage is rich, dark green, giving the plants the effect of Boxwood, and it remains green until the beginning of March, when the new leaves push the old ones off the branches. Daphne Somerset may be used as a hedge. Spaced 18 inches apart, it will grow into a tight fine mass. It may be clipped formally, and can also be pruned informally, if the wavy Boxwood effect is desired. Left unclipped, it grows about 3 feet high and 2½ feet wide. Can be kept 24 inches high and 18 inches wide without difficulty.

It is a lovely low shrub for the foreground of the shrub border, and blends happily with hardy plants in the flower border. Mr. F. F. Rockwell, and writer of many horticultural books, remarked when he first saw it in bloom, "Here is one of those rare things that happens once every 25 years or so." It is a choice plant with a great future.

Price, strong 2-year plants, 15 to 18 inches high, \$2.25 each; \$22.50 doz.

HYPERICUM PATULUM

SUNGOLD (Plant Patent Applied For). A hardy, shapely, dwarf, twiggy shrub which grows into an almost completely oval globe of 2½ to 3 feet in diameter, and about 18 to 24 inches in height, densely covered with foliage that is handsome throughout the summer. It bears its cymes of golden flowers at the end of every shoot of the summer's new growth. It flowers more freely and much longer than any of the Hypericum Patulum now in general use. Its flowers are bigger and produced in immense quantities, transforming this lovely plant into a small mound of gold when in full bloom.

The introducer says: "Of particular interest and value is its exceptional hardiness. In our nursery tests over five years it has proven its ability to withstand cold weather as well as outgrow and outbloom any Hypericum we have ever seen."

Price, strong 2-year plants 12 to 15 inches high, \$2.00 each; \$20.00 doz.

VIBURNUM BURKWOODI

Waxy bluish-white and deliciously fragrant, the flowers of this new fragrant Viburnum are produced in early spring when the leaves are unfolding. They form round, domed clusters, and the gardenia-like fragrance is so sweet, as to pervade a large area. The plant grows about 4 feet high, and 5 to 6 feet in diameter. It likes a well drained, sunny place, with plenty of moisture throughout the season. This is a new jewel for the garden—a real aristocrat. For the small garden where there is room for only the choicest shrubs, the one Viburnum above all others that should be grown is Viburnum Burkwodi. Foliage brilliant in autumn and persists till late winter. In the southern states, it is semi-evergreen.

Price, strong 2-year plants, 18 to 24 inches high, \$3.00 each; \$30.00 doz.

NEW SCARLET WEIGELA BRISTOL RUBY (Plant Patent 492)

Blooms from June to October

It makes a shapely thrifty plant with attractive rich green foliage.—Color is a soft ruby red shading to garnet crimson; extremely pleasing in effect and without harsh tone. Attaining a height of 6 to 7 feet at maturity, it makes a perfectly formed, well rounded specimen requiring very little pruning because it flowers well from old wood; no die-back or uneven growth at any time. It has been widely tested, and has proven perfectly hardy. Excellent reports from Vermont and other difficult regions, fully substantiate our own estimate of its unusual hardiness. Bristol Ruby is definitely superior to Eva Rathke in every respect.

Price, strong 2-year plants, 2 to 3 feet high, \$1.50 each; \$15.00 doz.

SPECIAL OFFER: One each of the Five New Hardy Flowering Shrubs, \$9.50.



WEIGELA
BRISTOL RUBY

SPRAY OF
DAPHNE
SOMERSET

VIBURNUM
BURKWOODI

DAPHNE
SOMERSET

Hardy Flowering Shrubs



BLOODLEAF MAPLE

These occupy an important place in the development of the Home Grounds or in any landscape plantings. The present vogue of the Outdoor Living Room permits the use of Flowering Shrubs in greater variety than ever before.

Our plants, except where specially noted, are 2 to 3 years transplanted, and range from 1½ to 3 feet in height, according to variety; some being stronger growing, are consequently taller at the same age. In the description of each variety we give the natural heights at maturity, but they can be kept any size desired by pruning. Those marked * may be planted in a shady place. Plant as early in Spring as possible.

AMYGDALUS, Flowering Almond

Double Pink. The miniature double, rose-like blossoms cover the entire shrub. Very hardy, very graceful; blooms in May. Height, 3 to 5 feet.

Price, \$1.00 each; \$10.00 doz.

ALTHEA, Rose of Sharon

Valuable for their late blooming. Grows to a height of 10 to 12 feet. Flowers in August and September. We offer **Double White** and **Double Red**.

Price, \$1.00 each; \$10.00 doz.

BERBERIS, Barberry

Thunbergii. Of low, spreading growth, forming a dense, impenetrable bush. The branches are set with sharp thorns. Small yellow flowers in the spring, followed by bright scarlet berries in the late summer and fall. The foliage turns orange and scarlet in the autumn. A valuable hedge plant. Height, 4 to 6 feet.

Price, 40c each; \$4.00 doz.; \$30.00 per 100.

Thunbergii Atropurpurea (Red-leaved Barberry). Similar in all respects to the green-leaved Barberry, except that the foliage is bronzy red. As the season advances the color changes to vivid orange-scarlet. Plant in full exposure to the sun for best color.

Price, plants 12 to 15 inches high, 50c each; \$5.00 doz.; \$40.00 per 100.

Buddleia, Butterfly Shrub Pink Butterfly Bush; Charming

Vigorous and very free flowering, producing a profusion of large lavender pink trusses continuously throughout the summer. Not only a striking ornament for the garden, but also extremely valuable as a late summer cutflower. Small young plants set out in the spring quickly grow to a height of 4 to 6 feet and of about the same diameter.

Price, \$1.00 each; \$10.00 doz.



**BUELLEIA
BUTTERFLY
SHRUB**

Ile de France. The richest, the loveliest, the most beautiful of its race. The flower spikes are a foot long and their color is a glowing claret-purple. Very free blooming and vigorous. It attains a height of 4 to 6 feet. An exquisite cut flower. Blooms all summer.

Price, \$1.00 each; \$10.00 doz.

Magnifica. The long, graceful spikes of flowers are of a pleasing, rich violet-rose and are produced in profusion from early June until late autumn.

The plant dies down in winter, but comes up again every spring. Height, 6 to 8 feet.

Price, \$1.00 each; \$10.00 doz.



**CORNUS
FLORIDA**

*CALYCANTHUS, Strawberry Shrub

Floridus. Also frequently referred to as Sweet Shrub or Carolina Spicewood. A strong, upright grower with large, handsome foliage. Peculiar reddish-brown, sweet-scented flowers in May. It grows to a height of 4 to 6 feet, and will thrive either in sunny or shady places.

Price, \$1.00 each; \$10.00 doz.

*CORNUS FLORIDA, Dogwood

Florida. White Flowering. They are lovely in springtime when covered with the large single white flowers and also when the foliage turns in fall. Height, 15 to 25 feet.

Price, 3 to 4-foot plants, \$1.50 each; \$15.00 doz.

Florida Rubra. Similar to the white form except the flowers are bright pink.

Price, 3 to 4-foot plants, \$3.00 each; \$30.00 doz.

CYDONIA

Flowering Quince. Dense, spreading habit; thorny, irregular branches; brilliant scarlet flowers on short stems in April and May, before the leaves appear; conspicuous yellow fruit. Height, 6 to 8 feet.

Price, \$1.00 each; \$10.00 doz.

*DEUTZIA

Very ornamental when planted either singly or in a border. They thrive in any good soil and are profuse bloomers.

Gracilis. Covered with white flowers in May and June. Graceful and attractive at all times. Height, 2 to 4 feet.

Pride of Rochester. Large double white flowers in June and July. Height, 6 to 7 feet.

Price, any of above, 85c each; \$8.50 doz.

*FORSYTHIA, Golden Bell

Spectabilis. The showiest of all; makes a fountain-like growth. Every twig densely covered with golden yellow bells. Height, 6 to 8 feet. Flowers in March or early April, before the foliage appears.

Viridissima. A little later than the preceding. Vigorous, upright growth. Height, 10 to 12 feet.

Price, any of above, 85c each; \$8.50 doz.

HYDRANGEA, Hardy, Shrubby

Arborescens Grandiflora. The heads of flowers are snowy white. Begins to bloom in early summer and continues into the fall. Height, 6 feet and the same width, and is literally loaded with its grand panicles of large snowy-white flowers.

Price, strong two-year-old plants, 2 to 3 feet high, \$1.00 each; \$10.00 doz.

Paniculata Grandiflora. This is the most popular hardy shrub in cultivation. Height, 8 to 10 feet. The flowers are white when first open, but change to pink and russet brown. They are borne in immense pyramidal panicles, nearly a foot in length. It commences flowering in August.

Price, strong plants, 2½ to 3 feet high, 85c each; \$8.50 doz.

*ILEX VERTICILLATA, Winterberry

A deciduous member of the Holly family which develops into a spreading bush 6 to 8 feet high and bears brilliant red berries throughout the winter.

Price, strong plants 2 to 3 feet high, \$1.25 each; \$12.50 doz.



**CALYCANTHUS
STRAWBERRY**

HENDERSON'S HARDY FLOWERING SHRUBS

Those marked * may be planted in a shady place.

KOLKWITZIA AMABILIS, Beauty Bush

A recent introduction from Asia, discovered by the late E. H. Wilson. Proclaimed the perfect shrub. In early June its sprays of tiny foxglove-like blossoms transform it into a fountain of pink loveliness. Attains a height of 6 feet. A valuable addition to every garden.

Price, \$1.00 each; \$10.00 doz.

MALUS, Flowering Crab Apple

This group is one of the loveliest of our dwarf-flowering trees, in springtime and again in fall when their glittering clusters of fruits are in evidence.

IOENSIS BECHTELI, Bechtel's Crab. It is a robust, round-headed tree with double pale pink flowers about 2 inches across, delicately scented. Height, 15 to 18 feet.

Price, 3 to 4-foot plants, \$2.50 each; \$25.00 doz.

MAPLE, Bloodleaf

(*Acer palmatum atropurpureum*)

A high-grade stock of these popular plants. Ours is a true blood-red strain that retains its color throughout the entire summer. Height, 6 to 8 feet. There is nothing more beautiful or more suitable for a lawn specimen. Our plants are well shaped and bushy.

Price, 1½ to 2-foot, pot-grown, grafted plants, \$4.00 each.

*PHILADELPHUS, Mock Orange

Very desirable free-blooming shrubs of erect habit and easiest culture in any common soil.

Virginal. Rated by many as the finest. Flowers are semi-double, two inches across; very prolific; delightfully fragrant. Main crop of flowers is produced in late May and June, and a scattering of blossoms throughout the summer. Very vigorous. Height, 6 to 8 feet.

Price for any of above, \$1.00 each; \$10.00 doz.

SPIREA

Anthony Waterer. Carmine crimson flowers from June to November. Height, 2 to 3 feet.

Prunifolia. (*Bridal Wreath*.) In May the branches are covered with small double white flowers. Height, 6 to 8 feet.

Thunbergii. Of dwarf, bushy habit; rarely exceeding 3 feet in height. White flowers in April and May.

Van Houtteii. Flowers of pure white, borne in greatest profusion in June. Very showy. Height, 8 to 10 feet.

Price, any of above, 85c each; \$8.50 doz.

SYMPHORICARPUS

Racemosus, Snowberry. An old favorite. In July and August it has small pink flowers, which are followed by great numbers of large, pure white, wax-like berries in clusters that remain until freezing weather.

Price, \$1.00 each; \$10.00 doz.

SYRINGA, Lilac

Everyone wants lilacs in May; they add beauty and sweetness to any surroundings.

Jan Van Tol. A new French Lilac with pure white, single flowers in long trusses. One of the finest in cultivation.

Price, \$1.50 each; \$15.00 doz.

Hugo Koster. Single. A superb, soft pinkish lilac. The trusses are beautifully formed; the contour of the shrub is perfect.

Price, \$1.50 each; \$15.00 doz.

Ruhm Von Horstenstein. It is perfectly glorious in the richness of its magnificently formed, large, single royal purplish-red flowers.

Price, \$1.50 each; \$15.00 doz.

Vulgaris. (*Common Purple Lilac*.) The popular, old-fashioned purple variety. Height, 12 to 14 feet.

Vulgaris Alba. (*Common White Lilac*.) Beautiful pure white flowers.

Price of Common Lilacs, \$1.00 each; \$10.00 doz.

VIBURNUM

Plicatum, Snowball. The pure white, perfectly round 3 to 4-inch balls, produced in great quantities during June, above the artistically wrinkled foliage make it one of the choicest—one of the most popular. In all, a very commanding specimen. Height, 8 to 10 feet.

Price, \$1.00 each; \$10.00 doz.

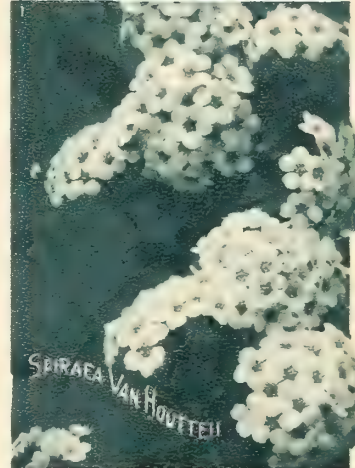
*WEIGELA, Diervilla

There is no shrub more deservedly popular. All of the varieties are very ornamental and should be found in every collection.

Candida. White flowers in great profusion from June to November. Height, 6 to 8 feet.

Rosea. Rich, rose-colored flowers in June and July. A beautiful shrub. Height, 6 to 8 feet.

Price, any of above, 85c each; \$8.50 doz.



HEDGE PLANTS

BARBERRY. (See description, page 122.)

It is ideal as a hedge plant on account of its dense bushy growth, also because it requires but little pruning to keep it in shape.

PRIVET, Ligustrum ovalifolium

California Privet. Of all the shrubs which have been tried for hedging, none can compare with this. Of easy growth, and splendid foliage; free from insects.

Price, strong shrubs, 1½ feet to 2 feet high, \$1.75 doz.; \$10.00 per 100. Extra strong, 2 to 3 feet high, \$2.50 per doz; \$15.00 per 100.

Our Pamphlet on the Pruning and Care of Hardy Shrubs and California Privet sent free on application.



Truehedge Columnberry

U. S. Plant Patent No. 110

Berberis Thunbergii pluriflora erecta.

A most remarkable new Barberry of dense upright growth with extra-heavy foliage giving a splendid upright hedge of a rich green color that changes to brilliant autumn tints. Perfectly hardy bearing an abundance of berries. Immune to rust.

Price, plants 12-15 ins. high, \$3.50 doz.; \$25.00 per 100.

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.

New and Recently Introduced Dahlias

They are the Prize and Praise Winners of the Honor Rolls

I. D. Informal Decorative. F. D. Formal Decorative. S. C. Semi-Cactus. C. Cactus. I. C. Incurved Cactus.

M. F. D. Miniature Formal Decorative

AMERICAN VICTORY—F. D. Rich oxblood red 10-inch flower. A solid color extending through the petals. This means it stands the sun without shading. A splendid 5-ft. bush with dark green foliage. Strong, well proportioned stems. Achievement Medal Winner.

Price, strong divisions, \$1.50 each; \$15.00 doz

BLOSSOM TIME—M. F. D. This is a clear, deep pink miniature with blooms 2½ inches in diameter growing on long stems. The plants are about 3½ feet in height with light green foliage and are exceptionally healthy.

Price, strong divisions, \$1.50 each; \$15.00 doz

DIR. MARSHALL A. HOWE—F. D. Named in honor of Dr. Marshall A. Howe, who, up to the time of his decease, was the Director of the New York Botanical Gardens, and a foremost authority on Dahlias. It is a very attractive Tyrian-rose. The petals fall back to the stem, thereby producing a magnificent effect.

Price, strong divisions, \$1.50 each; \$15.00 doz

EVENTIDE—I. D. True purple with violet purplish shadings. A seedling of Thomas A. Edison, which retains the staghorn petal formation of its parent. Stems strong and sturdy, plant 4 ft., flowers 10 inches.

Price, strong divisions, \$1.50 each; \$15.00 doz.

HILLSIDE GOLD—C. A golden yellow with an apricot glow of sheer beauty. Bushes grow 3½ ft. high and branch naturally and the 7½-inch flowers are held well above foliage. A fine keeper for exhibition and cutting.

Price, strong divisions, \$1.00 each; \$10.00 doz.

LOIS WALCHER—F. D. A true purple with outer third of petals clear white. A bi-color which has won six American Home Achievement Medals. The blooms are 7 inches, produced on plants about 4½ feet high. Sturdy growth and good stems.

Price, strong divisions, \$1.00 each; \$10.00 doz

MAFFIE—S. C. Intense carmine of stupendous size. The 12-inch specimens of Maffie led the list of Futurity Medal Winnings in 1940, and was unquestionably one of the most spectacular exhibition dahlias shown. Bush growth is very rugged; 6 ft. high and foliage exceptionally heavy.

Price, strong divisions, \$2.00 each; \$20.00 doz.

RUDOLF'S GIANT—I. D. The 12-inch size, and a striking color combination gives this creation real prestige. Of live buff with apricot and pink suffusions; makes it glow in the garden.

Price, strong divisions, \$1.50 each; \$15.00 doz

SUNRAYS—I. D. Adjectives fail to do this flower justice. In color it is a clear buff, suffused apricot with a distinct peach red on reverse side of petals. The bush grows to a height of 4½ feet, flowers measure up to 11 inches. It wins everywhere and also wins its place on the "All-American Team." Its faults are hard to find.

Price, strong divisions, \$1.50 each; \$15.00 doz

WHITE GARDENIA—M. F. D. This is one of the most beautiful miniatures we have ever offered. The pure, satiny white blooms, so artistically formed, have a striking resemblance to a gardenia and at once appeal to all who see them. The plants are dwarf in habit of growth and produce an abundance of charming flowers set off by healthy green foliage.

Price, strong divisions, \$1.50 each; \$15.00 doz

Special Offer: One of each of the Ten New and Recently Introduced Dahlias, \$12.50.



SON OF SATAN

Henderson's Select Cactus Dahlias

C. Straight I. C. Incurved S. C. Semi-Cactus

FRAU O. BRACHT—S. C. It is a clear, light primrose-yellow in color. The flowers are of good size but refined in appearance; the stems are strong, and the plant grows five feet high.

GOLDEN STANDARD—I. C. The flowers are warm buff shaded amber and gold. It is very pleasing in form, with full, evenly arranged petals. It will produce flowers up to 9 inches across. The plant attains a height of about 4½ feet.

KAY FRANCIS—S. C. A prize winner, having eleven first prizes and an American Home Achievement Medal to its credit. The beautiful deep flowers with high, full centers and numerous petals are soft lemon yellow.

MRS. HERBERT O'CONNOR—I. C. Long, slender, yet erect stems and flowers of good size, measuring 9 inches across and 5 inches deep, of an unusually bright color, which is soft rose-pink, deepening at center. Dark, healthy open foliage. Bush 5½ feet high; profuse and continuous bloomer.

Price, strong divisions, 75c each; \$7.50 doz

ROYAL PURCHASE—I. C. An extremely beautiful shaggy incurved Dahlia. The color is a beautiful straw yellow, outer petals suffused pink. It begins flowering early and the flowers frequently grow to 10 inches in diameter. It attains a height of about 4½ feet.

Price, strong divisions, 75c each; \$7.50 doz

SATAN—S. C. A sensation for its striking beauty, formation and coloring. Blooms average 10 to 12 inches in diameter and 6 inches in depth; color, flaming scarlet with orange-salmon at base of each petal.

SON OF SATAN—I. C. This beautiful cactus, a decided improvement over the variety Satan, both in color and size, is of real exhibition quality. The plants are tall and the very large blooms are held high on long, straight stems.

Price, strong divisions, 75c each; \$7.50 doz.

STAR OF BETHLEHEM—S. C. The pure white perfectly shaped flowers, with their numerous pointed petals, stand above the dense, dark green foliage, which makes it a most beautiful plant.

Price, except where specially noted, strong divided roots, 50c each; \$5.00 doz.

Special Offer: Set of Eight Select Cactus Dahlias, \$4.50.

Henderson's Dahlia Roots are strong divisions. Dahlia Roots are Delivered Transportation Paid in the U. S. A.

DECORATIVE DAHLIAS *Recently Introduced and Standard Varieties*

They are the Prize and Praise Winners of the Honor Rolls

I. D. Informal Decorative varieties. F. D. Formal Decorative varieties.

Dahlias, History and Cultivation, is the name of our eight-page booklet, which gives complete cultural instructions, how to store roots, etc., sent with orders, if asked for.

ANNA BENEDICT—I. D. This is considered to be one of the best of the newer dark red varieties. Exceptionally fine form, with perfectly full center. The color is very rich, being a deep garnet with black shadings in center. The flowers are very large, blooms 9 inches across being not unusual. The plant grows about 5½ feet.

BALLEGO'S GLORY—F. D. A beautiful Dahlia much admired for its distinctive color, which is mahogany red with gold bordered petals. The shadings vary somewhat with weather conditions. Medium in height and compact in growth.

CALIFORNIA IDOL—I. D. An exceptionally large clear lemon yellow with finely developed full centers. This variety is comparable with the popular Lord of Autumn, but is in our opinion better adapted for average garden cultivation.

Price, strong divisions, 75c each; \$7.50 doz.

CLARA BARTON—I. D. An immense bloom which faces slightly upward on long, straight stems. The face of the petals is silvery orchid with the reverse of deep lavender, giving a general effect of lavender. A very prolific bloomer, and one we can well recommend. Bush of medium height.

CHAUTAUQUA SALUTE—F. D. Good whites are very few but this one is fine. Pure white with absolutely no shading, an early and continuous bloomer and perfect grower.

Price, strong divisions, 75c each; \$7.50 doz.

ELISSA LANDI—F. D. Light pinkish orange. A regularly formed flower of good coloring and with good growing habits. Blooms average from eight to nine inches. Stem long, strong, and straight. Highly recommended. Roll of Honor.

FORT MONMOUTH—I. D. A wonderful giant variety. The color is a rich crimson-maroon with a hue of bluish violet at the tips.

JAMES KIRBY—I. D. Like a glowing ruby, this superb Dahlia possesses a dazzling brilliance unlike that of any other red Dahlia in cultivation. Its exact color may be described as a crimson-scarlet with ruby tones in the center, all perfectly blended to produce a flower that almost scintillates like a rare jewel. In size the flowers average 8 inches or over in diameter, with a depth of 5 inches.

JANE COWL—I. D. An impressively beautiful Dahlia. The color is warm buff and old gold, blending to apricot and rose in the center. The plant is vigorous, the stems are strong.

JERSEY BEAUTY—F. D. The most popular cut flower Dahlia in cultivation because of its exquisite color and fine form. The color is a vivid, glowing pink. Large flowers of great depth.

JERSEY WHITE BEAUTY—F. D. It possesses many of the outstanding qualities that made the Jerseys so famous. It is not a massive flower, as it is rarely over seven inches across, but it makes up in prolificity.

It begins flowering early and continues throughout the summer. The flowers are pure glistening white, of perfect formal design, with perfect centers. The flowers also have wonderful keeping qualities when cut. The plant is healthy and vigorous and grows about five feet high.

KATHLEEN NORRIS—I. D. Although this lovely soft, rose-pink with creamy-pink center has been on the market for a number of years, it is still the leading pink. Its petals are broad and overlap each other. The blooms are held erect on long, strong stems. The plant is vigorous and of medium height. When grown for exhibition it will produce blossoms ten inches across.

KEMP'S VIOLET WONDER—I. D. A magnificent Dahlia, bright violet-purple in color, the tips of the petals shading into a faint bluish-violet. The flowers are large and deep, of perfect form, and keep well when cut. The stems are stiff, holding the flowers well.

MISS OAKLAND—F. D. A pure white that is of exhibition quality. The perfectly formed blooms are large and are held erect on good, long stems. Plants are strong growers, and are very prolific.

Price, except where specially noted, strong divided roots, 50c each; \$5.00 doz.

Special Offer: Complete Set of 21 Decorative Dahlias, \$10.00

MRS. I. DE VER WARNER. Very large, beautiful flowers of fine form and substance. The color is rich, rosy mauve. It is a very free bloomer, with long stems. Valuable for cut flowers.

MURPHY'S MASTERPIECE—I. D. Dark red with garnet shadings. An achievement Medal winner and Roll of Honor dahlia. One of the very largest varieties and a special favorite with us. Winner was largest bloom in more shows than any other dahlia. Price, strong divisions, 75c each; \$7.50 doz.

OMAR KHAYYAM—F. D. A sensational variety; the unusual coloring—Chinese red at base of petals, shading to bright orange and tipped lighter—makes a wonderful soft color effect; tall, healthy grower.

THOMAS EDISON—F. D. An impressively beautiful Dahlia worthy of its distinguished name. Its color may be described as a royal purple. The flowers are large, of perfect formation; they are carried on strong stems and the foliage is large and insect-resistant.

WATCHUNG GIANT—I. D. An exhibition variety that has a long list of winnings to its credit. The blooms are very large and are of a rich golden shade with a suffusion of orange cadmium. A strong growing variety and a great favorite.

WHITE WONDER—I. D. A strong growing variety, attaining a height of about 5½ feet. The flowers are pure white with long petals that are attractively twisted and curled.

YELLOW JERSEY BEAUTY—F. D. Golden yellow with a slight reddish tone in the center, which helps to accentuate the richness of the color. Like all of the other Jerseys, it is a dependable free bloomer. The flowers are of good size, and are produced on strong stems. The plant is vigorous and of medium height.

Price, strong divisions, 75c each; \$7.50 doz.



YELLOW JERSEY BEAUTY

Henderson's Dahlia Roots are strong divisions. Dahlia Roots are Delivered Transportation Paid in the U. S. A.

Henderson's International Group Of Prize Dahlias

Shown in Colors on Opposite Page

In this group, we have combined five lovely Dahlias that should be found in every garden

It contains a beautiful range of colors and forms which are not only superb in the garden, but also ideal for cut flowers

1. CLARA CARDER. One of the grandest pink-decorative Dahlias we have ever grown. Its formation is on the border line between formal and informal decorative, and is in a color class by itself, it being a beautiful shade of clear Cyclamen pink, the only Dahlia we know of this color. The blooms are produced in the greatest profusion from early season until cut down by frost.

Price, strong divisions, 75c each; \$7.50 dozen.

2. FOREST FIRE—I. D. As its name indicates, this is a very spectacular variety, the color being a combination of lemon yellow and brilliant scarlet. Height of plant about 4 1/2 ft.

Price, strong divisions, 50c each; \$5.00 dozen.

5. NEGUS—F. D. Deep ox-blood red shading to almost black at center. Very outstanding for its rich velvety appearance. A worthy addition to any collection of Dahlias.

Price, strong divisions, 75c each; \$7.50 dozen.

3. SULTAN OF HILLCREST—F. D. This variety produces immense flowers, frequently 11 inches across; bright lemon yellow in color with a rosy-pink reverse. The plant is very vigorous, and the flowers are produced on strong stiff stems. This is a favorite exhibition dahlia.

Price, strong divisions, 75c each; \$7.50 dozen.

4. RED JERSEY BEAUTY—F. D. This, the newest development in the Jersey clan, is indeed a most welcome addition, for the fine qualities that have made the Jerseys famous are found in a superlative degree in this newcomer. It is brilliant deep red in color. The flowers are of good size and are produced abundantly over a long season.

Price, strong divisions, 75c each; \$7.50 dozen.

Special Offer INTERNATIONAL GROUP. One of each of the five varieties described above. A \$3.50 value for **\$3.00**

MODERN POMPON DAHLIAS

BABY. Beautiful shade of pink; most attractive for cutting and border display. An outstanding color in this particular class.

BETTY STONE. 1 1/2-inch. This is an exceptionally strong growing variety, with attractive foliage that sets off the rich red blooms. Satisfactory for cutting and exhibition. Strong divisions.

BOBBY. Plum purple of the deepest shade in the dahlia field. Can make a wonderful color combination when grown with the lighter or pastel shades.

EDITH MUELLER. This is a new variety of unusual merit. The rosy red which blends with a golden yellow lends to the flower a refinement seen in no other Pompon. Long stems and free habit. 1 1/2 in. blooms. Strong divisions.

HONEY. Blooms 1 1/4 in., bush, 3 feet. Primrose yellow with faint suffusion of red on edge of petal. Free flowering on long stems.

LITTLE HERMAN. Maroon and pink, makes a most attractive planting in any garden border, bright and cheerful.

MORNING MIST. 2 inches: White ground, heavily shaded with lavender at center and with each petal bordered with lavender. This variety is of great value for cutting, owing to its very long stems and free blooming habit, together with its beautiful blend of color.

JOE FETTE. Pure white, fine form, good stems. 1 1/2 in. blooms.

LITTLE EDITH. Primrose yellow, with an edging of carmine. Very free and a perfect exhibition variety. 1 1/4 in. blooms.

TITIAN. Bright scarlet flowers supported on strong stems; upright and perfectly formed flowers.

TOM THUMB. For the amateur gardener who is really looking for something unusual, this pompon produces the smallest, yet most perfectly formed red flowers. Most attractive, ideal for cutting or bunching.

YELLOW GEM. We believe this to be the best yellow Pompon. Very free, long stems, perfect formation. 1 1/2 in. blooms.

Price for any of the above, 50c each; \$5.00 doz.

MINIATURE DAHLIAS

The introduction of the Miniature opens up a new field of usefulness for Dahlias. They are extremely attractive in the garden; the plants grow 2 1/2 to 3 1/2 feet high; they are covered with flowers during the summer.

BABY ROYAL. Bush 3 ft. A gem for any garden of salmon pink shaded apricot with yellow at base of petal.

BABY SAGAMORE. Excellent long stems and a golden yellow color that is always popular. It will cut more blooms per plant than any other variety.

BISHOP OF LANDAFF. A miniature duplex. The brilliant scarlet flowers stand gaily above the bronzy-red foliage. Excellent for landscape work.

CORALLETTE. One of the finest. A glowing coral pink.

CORINA. Excellent for border work, its brilliant salmon pink coloring adds beauty and charm to the flower bed.

DAY BREAK. A beautifully shaped flower that should be included in the collection. Color bronze, good habit and strong.

ECLIPSE, JR. Light orange, shading to deep orange at center. One of the most perfect miniatures produced to date.

FAIRY. Soft violet rose shading mauve at tips. Early, continuous bloomer. Keeps wonderfully well when cut.

HENRIETTA. Color orange and white, ideal for cutting. Fine bushy habit. Flowers held upright on strong stems.

RED HEAD. Scarlet orange with blooms facing up on nice stems. Fine keeper.

ROBIN. As arresting as the first robin in spring. Prolific bright red or scarlet. Holds its color in the sun and blooms are small.

SANHICAN'S SWEETHEART. Pale apricot, suffused with shrimp-pink.

Price for any of the above strong divisions, 50c each; \$5.00 doz.

SINGLE FLOWERED DAHLIAS

BIG CHIEF. Brilliant cherry red, margined with rich velvety maroon.

LUSIUS. Rich burnt orange.

NEWPORT WONDER. The soft pink blooms keep well.

PURITY. A pure white of fine form.

YELLOW TREASURE. The best clear yellow.

Price of above, strong divisions, 50c each; \$5.00 doz.

BALL DAHLIAS

JOAN KERR. Beautiful white. A popular cut flower variety.

JERSEY'S BEACON. Orange and buff. Lovely for artistic arrangements.

MAUDE ADAMS. Blush-pink and white. A delicate pastel color.

Price of above, strong divisions, 50c each; \$5.00 doz.

Special Offer of Dahlias (Our selection.) We offer our selection of named varieties, made at the time the order is filled, of good contrasting colors. Price, field-grown roots, 3 for 85c; 6 for \$1.50; 12 for \$2.50; \$20.00 per 100.



Henderson's Dahlia Roots are strong divisions. Dahlia Roots are Delivered Transportation Paid in the U. S. A.



*International Group
of
Five Prize Dahlias*

See descriptions **\$3.00**
opposite



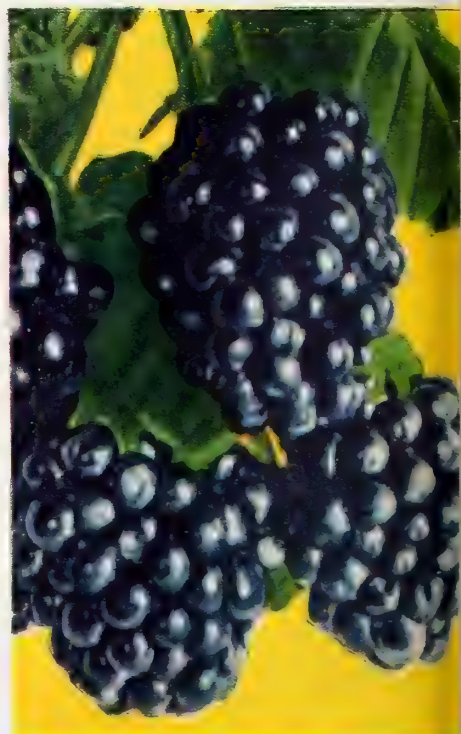
New Grape
**GOLDEN
MUSCAT**



INDIAN SUMMER The Finest Everbearing Raspberry



The Phenomenal
BOYSENBERRY



BLACKBERRY JOY
Recommended for
the Home Garden

See Descriptions and Prices Pages 129-131

The Garden Fruit De Luxe
**HENDERSON'S HIGH QUALITY
CULTIVATED
BLUEBERRIES**



Henderson's Bush and Vine Fruits for the Home Garden

These occupy an important place in the Victory Garden Program.

Superb Cultivated Blueberries

IMPROVED LARGE FRUITING VARIETIES The Garden Fruit
De Luxe

These are unquestionably a garden fruit de luxe, and are the results of years of labor by plant hybridizers connected with the U. S. Department of Agriculture. Blueberries not only occupy an important place in the berry patch, but are also, on account of their beauty, welcome additions to the ornamental border. They serve admirably as a hedge for dividing sections of the garden, as, for instance, between the ornamental section and the fruit or vegetable garden. Being somewhat related to the laurels and rhododendrons, they usually thrive in soils and locations where these plants do well, but unlike the laurels and rhododendrons the cultivated blueberries should not be grown in the shade but preferably in open sunlight. The plants are attractive at all times—in spring when the new leaves have pinkish and bronzy tones; later when covered with waxy white blossoms; then these are followed with the bluish fruit; and finally when the plants take on the rich crimson tones of autumn.

Aside from the beauty of the plants, the chief value of the cultivated Blueberries lies in the size, texture, and flavor of their remarkable fruit. Blueberries grow best in a well-drained, sandy, peaty soil, with a good supply of underground moisture. The soil should also be on the acid side, the best p.H. range being from 4.5 to 5. If the desired natural conditions do not exist in the garden, the soil can be built up by adding peat moss, sawdust or apple pomace, together with coarse sand. The latter is important in order to produce aeration in the soil. This is necessary to keep the micro-organisms alive, which are required by the roots during the active growing season.

The plants are perfectly hardy and bear profusely for many years. Their fruiting season in the vicinity of New York usually extends throughout July. They are therefore a highly desirable addition to the home garden. If set out this fall, the plants should begin producing fruit next season.

Cultivated Blueberries can be successfully grown in the home garden, for it is a comparatively simple matter to prepare the soil where natural favorable conditions do not exist. Our pamphlet, "The Culture of Bush Fruits and Vines for the Home Garden," contains complete information for growing cultivated Blueberries. It tells how to prepare the soil and how to care for the plants for best results. It is sent on request without charge when ordering.

In planting Blueberries, it is recommended that a variety of plants be set out in close proximity to each other (space plants four feet apart in the rows and six feet between rows). This permits proper cross pollenization of the blossoms, thereby insuring bountiful crops as well as extending the bearing season to its extreme limits.

WE OFFER THE FOLLOWING SUPERB VARIETIES

Concord. (Early.) An upright-growing variety which, under favorable conditions, will attain a height of six feet. The fruit is large (about the size of a Concord grape); it is very attractive in color and possesses a fine flavor.

Rancocas. (Midseason.) Of vigorous, upright growth; the plant is very attractive and its rich red twigs give it an added winter interest. The large fruit is borne in clusters; berries firm, of excellent sweet flavor.

Jersey. (Midseason to late.) It produces a majestic and ornamental bush, very vigorous in habit. One of the largest fruiting varieties in cultivation, and it is not unusual to find berries up to three-quarters of an inch in diameter. Flavor is superb.

Rubel. (Late.) Vigorous, productive and very popular. Considered to be the most productive cultivated Blueberry. Fruit is large, of attractive bright blue color, in long clusters.

Price of above: Strong, 3-year-old fruiting size plants, ranging from 18 to 24 inches high, \$2.00 each; \$20.00 per doz.

SPECIAL OFFER: One plant each of the four Superb Cultivated Blueberries described above, for \$7.50

BOYSENBERRY

Phenomenal New Hybrid

A distinct new variety of vine berry produced by a cross between Loganberry, Cuthbert Raspberry and three Blackberries of unknown origin. Very hardy, having withstood temperatures of fifteen degrees below zero; near drought-resistant. A heavy producer of immense size, sweet and delicious berries, with but very few seeds. Fruit hangs on many days when ripe. Vines start bearing the year after planting and continue many years.

Price, \$2.25 per doz.; \$17.00 per 100.

HANSEN BUSH CHERRY

A very hardy and very productive Bush Cherry, bearing annually heavy crops of fruits which resemble plums. They come massed in clusters from the ground up and at times almost completely cover the branches. They are excellent for jam, jelly or cordial. They grow from 4 to 5 feet tall.

Price, plants, 1½ to 2 feet high, \$1.00 each; \$10.00 per doz.



HANSEN BUSH CHERRY



BLUEBERRIES BEAR PROFUSELY

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.

Hardy Grapes Strong Two-Year-Old Vines

Grape Vines are a lifetime investment. Plant as many varieties as your space will permit. No grapes can compare with those grown and ripened to perfection in your own garden.

Our leaflet "The Culture of Bush Fruits and Vines" contains complete planting and cultural instructions for Hardy Grapes; sent gratis on request with orders.

GOLDEN MUSCAT New Golden Grape

Shown in Colors on page 128

Possesses all the delicious flavor and delightful aroma of the finest greenhouse grapes. Golden Muscat produces immense bunches of large oblong fruit. Its lovely golden color is most appealing. It is extremely hardy and is an ideal grape for the home garden or for the roadside market.

Price, \$1.50 each; \$15.00 doz.

SEEDLESS CONCORD A Horticultural Achievement

This delicious new grape developed after many years of experimenting and hybridizing, is the forerunner of a new race of hardy grapes which are destined to make the grape the most popular of all garden fruits. Seedless Concord possesses the same fine flavor of Concord and is equally as hardy, but the fruit is somewhat smaller. The color is rich blue black. There is no better hardy table grape.

Price, \$1.50 each; \$15.00 per doz.

VAN BUREN New Early Blue Grape

This is the newest and most improved of the popular blue grapes. The bunches are large and compact and ripen earlier than any other variety. It has a rich sweet flavor and has proven perfectly hardy in Northern New York.

Price, \$1.50 each; \$15.00 doz.

CACO OR CATAWBA-CONCORD. A cross between the old favorite Catawba and the well-known Concord. It ripens a little in advance of the Concord. The color is a rich, sparkling wine-red, with abundant bloom. Bunch large; berry medium to large and almost round. The crowning merit, however, is its quality, surpassing that of the Catawba, while it is as prolific as the Concord.

Price, 75c each; \$7.50 per doz.

FREDONIA. An outstanding blue-black grape that has been tested over a wide range of conditions and has proven itself vigorous and hardy. The fruit is large and sweet and the flavor is superb. It ripens from two to three weeks earlier than Concord.

Price, 75c each; \$7.50 per doz.

ONTARIO. A new early white Grape, the result of a cross between Green Mountain and Diamond. The berries are round, medium in size, juicy, sweet, and of delicious flavor, far superior to Green Mountain. The vine is perfectly hardy and very vigorous.

Price, 75c each; \$7.50 per doz.

Van Buren

CONCORD. Generally considered the best American Grape. Bunch and berries large; color black with a rich bloom. A strong grower, very hardy, healthy and productive. The variety used exclusively for grape juice.

Price, 50c each; \$5.00 per doz.

DELAWARE. Berries small and compact; skin thin but firm; flesh juicy; very sweet and refreshing. A moderate grower; it responds quickly to good culture.

Price, 60c each; \$6.00 per doz.

LUCILE. A beautiful large coppery red grape, developed in the famous Chautauqua Valley. It is extremely hardy and very early.

Price, 60c each; \$6.00 per doz.

NIAGARA. The favorite white Grape. Bunch large and handsome. Berries medium size, round; skin thin, does not crack, and ships well. Sweet flavor.

Price, 60c each; \$6.00 per doz.

Special offer: One plant each \$8.00 of the ten Hardy Grapes

New Seedless Concord

CACO

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.

Blackberries

Selected Varieties for the Home Garden

JOY

An excellent variety for the home garden. The berries are of large size and superb quality, with a flavor that is rich, sweet and luscious. They are almost as thick as they are long, and coal black. The canes are ironclad, hardy, of stocky, vigorous habit; so stout and strong that they do not need staking.

Price, \$2.00 per doz.; \$15.00 per 100.

MERSERAU

A mammoth early, ironclad hardy berry. Exceptionally sweet and melting, being without core.

Price, \$1.50 per doz.; \$10.00 per 100.

BLOWERS

Berries very large, attractive and of superb quality.

Price, \$1.50 per doz.; \$10.00 per 100.

ELDORADO

Very large, jet black, borne in clusters and ripen well together.

Price, \$1.50 per doz.; \$10.00 per 100.

DEWBERRIES or Creeping Blackberry

The Dewberry is a trailing plant and for this reason must be trained on supports or trellis. It can be used for covering fences, stone walls, etc.

LUCRETIA

Berries firm, sweet and luscious throughout. Very early.

YOUNG'S

A splendid sort producing fruit the first year. The fruit is large, of good flavor, and rich wine color.

Price for the above, \$1.00 per doz.; \$7.50 per 100.

BLACK RASPBERRIES

BLACK BEAUTY

A new hardy and disease-resistant variety, recommended for the home garden or for the commercial grower. It is very prolific, and the fruit is large and attractive.

CUMBERLAND

The berries measure seven-eighths of an inch in diameter, but in spite of this, the fruit is possessed of unusual firmness.

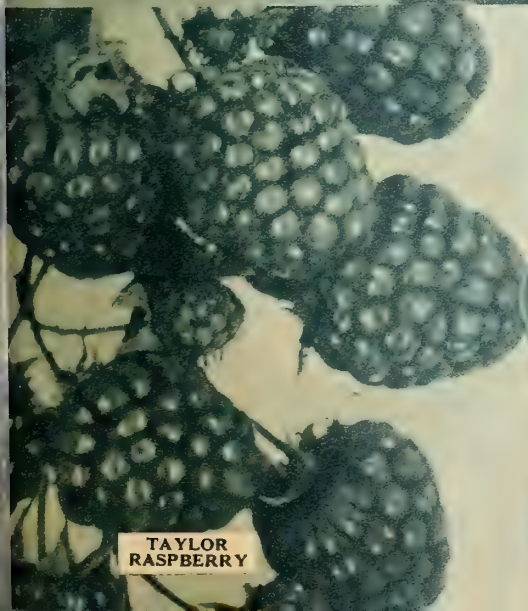
NEW LOGAN

Probably the most prolific of all the early Raspberries. It is of the highest quality.

Price for the above Black Raspberries, \$1.50 per doz.; \$10.00 per 100.



DEWBERRY
LUCRETIA



TAYLOR
RASPBERRY



BLACK RASPBERRY
BLACK BEAUTY

Raspberries

EVERBEARING VARIETIES

INDIAN SUMMER—New Everbearing Red Raspberry

This finest and most delicious Everbearing Red Raspberry may be enjoyed from June to November. In addition to its outstanding everbearing qualities it has size, flavor and unusual beauty. The large, glossy red berries are conical in shape and also have wonderful keeping qualities. It has no comparison for the home garden or as a profitable market berry.

Price, strong one-year-old plants, \$2.50 per doz.; \$20.00 per 100.

ST. REGIS. It succeeds upon all soils, and the canes are absolutely hardy. It fruits on the old canes until late in August, after which the young canes continue to produce until severe frost. The berries are a bright crimson, of large size and rich, sugary, full Raspberry flavor.

Price, \$1.75 per doz.; \$12.00 per 100.

STANDARD RED VARIETIES

MARCY—New Red Raspberry

This is the newest and most improved variety of Red Raspberry. An extremely vigorous grower with strong canes and large, rich foliage. It was developed at the N. Y. Agricultural Experiment Station and is consequently extremely hardy. Marcy produces the largest and most beautiful bright red berries of any variety on the market. It has a delicious flavor and is, we believe, one of the most valuable Raspberries ever developed.

Price, 1-year-old plants, \$2.00 per doz.; \$15.00 per 100.

Taylor. Taylor was recently originated at the New York Experiment Station and after extensive tests, has proven to be an outstanding Raspberry. Its flavor is superb; the flesh is thick and firm, color rich red, and the cavity very small. Desirable variety for the home garden; also a profitable market berry. Season same as Latham.

Price, 1-year-old plants, \$1.50 per doz.; \$10.00 per 100.

LATHAM. Large, round and firm berries of rich, brilliant red are borne in great profusion from late June till well into July. The plant is very hardy and the fruit holds up well for shipping.

Price, \$1.50 per doz.; \$10.00 per 100.

FINEST PURPLE RASPBERRY

SODUS. Being the result of a cross between a red and black raspberry, its bright purple color and large size fruit makes it one of the most attractive berries grown. When we combine with this its good quality, delicious flavor and the vigorous constitution of the plant, we have an ideal home garden fruit.

Price, 1-year-old plants, \$1.50 doz.; \$10.00 per 100.



MASTODON
STRAWBERRY

Everbearing Strawberry

MASTODON The Wonder berry

For its prolificacy, Mastodon has frequently been referred to as the Wonder berry. It is a strong and vigorous grower, and produces large, juicy, bright-red berries of delicious flavor. The caps are bright green, which add considerably to the appearance of the fruit.

Mastodon begins fruiting in ninety days after the plants are set out. It bears a full crop in June, and continues to bear from then on throughout the summer and fall. The following season it is again ready to begin bearing with the standard varieties in spring.

Price, \$1.00 per doz.; \$7.50 per 100



STARBRIGHT

STRAWBERRY PLANTS

These Strawberries were transplanted into cold frames in the fall, and if planted out any time before May 5th, will, under proper conditions, fruit some in the present year.

Note.—The Strawberry plants offered in this catalog cannot usually be supplied after May 5th. Our summer list of *Pot-grown Strawberries* is ready about June 15th, and is mailed free to customers, or may be had upon application by mail.

Henderson's Triumvirate of New Strawberries

MAYTIME (Very Early, Perfect Flowering)

This brand new introduction of the U. S. Dept. of Agriculture is the sweetest and most attractive extra early strawberry that has ever been developed. In size it is slightly smaller than Dorsett, but it makes up in prolificacy. The plant develops a vigorous, healthy growth.

From the results obtained at various test plots, Maytime is highly acclaimed for its extreme earliness, its high quality and its sweet and delicious flavor.

Price, 75c doz.; \$6.00 per 100.

STARBRIGHT (Medium Early to Late)

Developed by Dr. George M. Darrow, of the U. S. Department of Agriculture, under whose direction were originated the popular varieties, Fairfax and Dorsett, we believe that this new berry possesses everything that could be desired in a garden fruit. It is beautiful in appearance, of fine form, extra large and uniform, with a bright brilliant color that inspired its name. Its flavor is, however, its chief attraction—a true rich strawberry flavor, with a sweetness that should preclude the necessity of any additional sugaring.

The plant is very vigorous, the foliage is deep rich green and leathery.

Price, 75c doz.; \$6.00 per 100.

RED STAR (Very Late, Perfect Flowering)

Commercial growers and home gardeners alike are demanding an extremely late strawberry of good quality. From the commercial angle because, very late berries bring good prices; and, from the home gardener's standpoint because, whetted appetites demand more and more delicious fruit. Extensive tests have proven that Red Star is the latest variety in cultivation, surpassing all of the popular late sorts.

The berries average very large and are bright red and glossy. The plant makes a luxuriant large growth.

Price, 75c doz.; \$6.00 per 100.

Select Standard Strawberries

DORSETT (Early to Mid-season, Perfect Flowering)

The plants are vigorous, with deep rich green foliage, runners are produced in abundance. The flowery stalks are strong, and the fruit is held well above the ground. The beautifully molded, conically shaped, bright red berries are large and uniform in appearance.

The outstanding merit of this berry, however, is not its size, or appearance, but its delicious flavor.

Price, 60c per doz.; \$4.00 per 100.

FAIRFAX (Early to Mid-season, Perfect Flowering)

The plants are very hardy and disease resistant. The flower stalks are strong, and produce quantities of perfect heavily pollinated flowers that are larger than most strawberry blossoms. The berries are very large, somewhat blunt in shape, and bright red with prominent yellow seed. When over-ripe, the fruit turns dark red but still retains its firmness and delicious flavor.

Price, 60c per doz.; \$4.00 per 100.

PATHFINDER (Mid-season, Perfect Flowering)

It is an ideal Strawberry for the home garden, because its texture is soft and luscious. It also possesses a tantalizing aroma which bespeaks a delightful piquant flavor. It is disease resistant and can be grown successfully in areas where the Red Steele fungus is prevalent.

Price, 60c doz.; \$4.00 per 100.

BLAKEMORE (Early, Perfect Flowering)

The ideal strawberry for the Southern states, surpassing by far the old Missionary variety. It is not recommended for cultivation North of Baltimore.

Blakemore, produces attractive fruit of medium size in great abundance. The flesh is very firm which makes it ideal for shipping. Its flavor is rich though slightly tart. The plant is extremely vigorous and disease resistant.

Price, 50c. doz.; \$3.50 per 100.

CHESAPEAKE (Mid-season to Late, Pistillate)

A splendid grower making just enough runners for a matted row. The plants root deeply, are vigorous and healthy, with large foliage. One of the best in flavor, shape, size, color and appearance.

Price, 50c doz.; \$3.50 per 100.

Garden Herbs

There are a vast number of varieties suitable for garden cultivation, those that follow are among the most popular and most useful. They all succeed in average garden soil; they can be planted in the flower or vegetable garden. As stocks of herbs are extremely limited we urge our customers to order early.

CATNIP. Used for seasoning, etc. Price, pot-grown plants, 30c each; \$3.00 doz.

CHIVES. Prized for soups and seasoning; also makes an attractive border plant. Price, clumps, 30c each; \$3.00 doz.

HOP. An herbaceous vine; often makes a growth of 20 to 25 feet in a season. Excellent for covering fences; pods ornamental and useful. Price, roots, 30c each; \$3.00 doz.

LAVENDER. Grows about 18 inches high; produces an abundance of blue, fragrant flowers. Price, pot-grown plants, 35c each; \$3.50 doz.

MARJORAM, SWEET. One of the most pleasantly scented of all the herbs; used in perfumes, also for seasoning. Price, pot-grown plants, 35c each; \$3.50 doz.

MINT (Spearmint). The popular green mint used for mint sauce, for flavoring cold drinks, etc. Price, pot-grown plants, 25c each; \$2.50 doz.

PARSLEY, EMERALD. A beautiful, brilliant green, curled variety; very decorative; excellent flavor. Price, pot-grown plants, 20c each; \$2.00 doz.

ROSEMARY. A very compact and dainty plant with fragrant foliage; used in perfumes, seasoning, etc. Price, pot-grown plants, 35c each; \$3.50 doz.

SAGE. One of our most popular seasoning plants. Price, pot-grown plants, 25c each; \$2.50 doz.

SAVORY, WINTER. One of our most ornamental herbs. Very hardy, suitable for border and edging; delicious in foods and liqueurs. Price, pot-grown plants, 35c each; \$3.50 doz.

TARRAGON, TRUE FRENCH. It makes the famous French Estragon Vinegar and is also used in perfumes, confectionery, etc. Price, roots, 40c each; \$4.00 doz.

THYME, BROAD-LEAVED. Much prized for seasoning; very attractive; used in rock gardens. Price, pot-grown plants, 25c each; \$2.50 doz.

WORMWOOD. A handsome, furry, gray-leaved plant that is very ornamental and very hardy. It is used in medicines and cookery. Price, pot-grown plants, 35c each; \$3.50 doz.

Henderson's Garden Guide and Record contains much information on the cultivation of Herbs (50c per copy). Sent free with an order amounting to \$4.00 or over.

VEGETABLE ROOTS

Rhubarb Roots

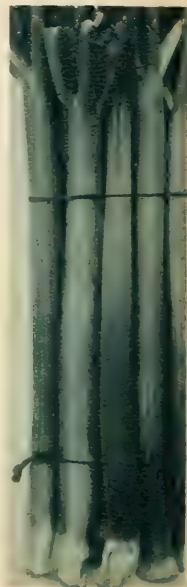
MacDONALD. (New.) Developed by MacDonald, College of McGill University, Montreal, Canada. It is a distinct improvement on the older types of Rhubarb. The plants are exceptionally vigorous, and produce a large yield. The stalks are large, and of a bright crimson color—very tender and of the highest quality. Due to the bright crimson exterior color of the stalks, sauces or pies made from MacDonald Rhubarb have a most attractive rich pink color. We can only supply roots of this variety.

Price, Large Root Divisions, 60c each; \$6.00 dozen.

St. Martin's. It is not only immensely productive, but it is also one of the earliest and has a rich spicy flavor. Price, 35c each; \$3.50 per doz.

Horse Radish Roots. Price, 50c per doz.; \$3.50 per 100.

For Asparagus Roots see page 8.



Too shallow Correct Too deep
The correct way to set out strawberry plants

Owing to uncertainties and delays in transportation due to war conditions, it is impossible for us during the present emergency to ship Tomato and other vegetable plants by express or parcel post and guarantee a safe delivery.

Purchaser pays transportation charges on plants. If you wish your order sent by Parcel Post, please add 10% to value of your order for shipments East of the Mississippi River, and 20% for points West of the Mississippi River.

GARDEN SUPPLIES — TOOLS — INSECTICIDES — FERTILIZERS

NOTICE TO CUSTOMERS

"No price for any article listed or described herein exceeds the ceiling price for the article as determined under the applicable Maximum Price Regulation issued by the Office of Price Administration. As required by that office, we will, upon request, furnish you with a statement of our maximum prices on any of the commodities about which you inquire."

PETER HENDERSON & CO.

SPECIAL NOTE—We prepay transportation charges on Garden Supplies, Fertilizers, and Insecticides where noted, by parcel post, express, or freight at our option within the first zone (50 miles of New York City). Purchasers beyond these zones pay transportation charges.

Purchaser pays transportation charges on implements, except where noted. We guarantee the safe delivery of all implements and requisites shipped by parcel post or express in

Important—In remitting postage, always add it to the foot of order as a separate item—this will help to avoid mistakes.

the United States. For postage on mailable articles, see zone rates below. Special packing for export shipments charged for at cost.

DOMESTIC PARCEL POST RATES

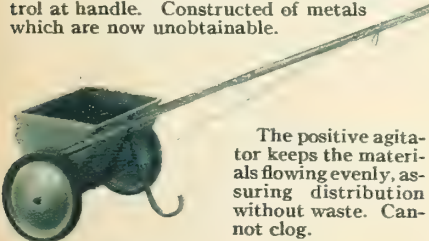
Within the U. S. and Possessions. Weight limit, 70 lbs.; size limit, 100 inches for combined length and largest girth; minimum 10 lbs. for sizes between 84 and 100 inches.

	First Pound (over 8 ozs. rates as 1 lb.)	Each Additional Pound or Fraction
1st zone within 50 miles of	8c	2c
2nd " " 50 to 150 New York City	8c	2c
3rd " " 150 " 300 " " "	9c	2c
4th " " 300 " 600 " " "	10c	4c
5th " " 600 " 1000 " " "	11c	6c
6th " " 1000 " 1400 " " "	12c	7c
7th " " 1400 " 1800 " " "	14c	9c
8th " " all over 1800 " " "	15c	11c

Equipment for Lawn Maintenance

Henderson's Seeder and Fertilizer Distributor

A sturdy, practical machine for the small lawn. Equipment includes regulating flow of seed, fertilizers or top dressing. Shut off control at handle. Constructed of metals which are now unobtainable.



The positive agitator keeps the materials flowing evenly, assuring distribution without waste. Cannot clog.

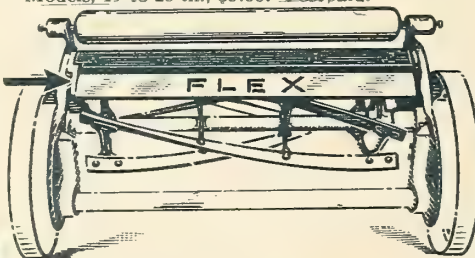
Capacity, 40-50 lbs. fertilizer, Disc Wheels. 18 inch spread. Price, \$12.50.
24 in., Disc Wheels. \$17.50
Purchaser pays transportation.

Note About Lawn Mowers

The manufacture of all types of Lawn Mowers has been discontinued for the duration. It is possible that restrictions will be lifted for a Victory model. If interested, we suggest writing us for latest developments.

"FLEX" LAWN MOWER BLADES

Golf course architects and engineers endorse these blades as a valuable accessory for shearing grass. Eversharp, unbreakable, they triple the life of the mower. Easily attached to any mower by reversing the cutting edge of your present blade and inserting the Flex blade. Price: 14 to 22 in. lengths, \$2.00; Power Models, 19 to 25 in., \$5.00. Postpaid.



Lawn Mower Sharpener

Designed to give good service and satisfaction. Adjustable to all types and makes of lawn mowers. The abrasive stone is of alundum. The body of the sharpener is stamped from heavy 18 gauge steel and finished in black or nickel plate. Price, \$1.10. Postpaid.



Lawn Mower Sharpener

Sod Lifter

Eases the operation of replacing old, diseased or worn turf in the lawn. A dependable tool designed for the purpose. Price, \$3.50. Purchaser pays transportation.



Sod Lifter

Above stocks are limited—Order early

Soil-Soaker

Water seeps through entire length gently—no spray—puts water where you want it—all soaks to the roots. Made of scientifically treated mildew resistant canvas, one end screws to water hose, other end closed. Water seeps through every pore, soaks directly into the soil over an area of several feet on all sides. No spray—no waste on walks, driveways, in street—no excessive evaporation. Ideal for lawns, terraces, flower and vegetable gardens, hedges, shrubs, trees, etc. Savings on water bills, as much as 25%.

Three home sizes: 12-foot, \$1.50; 18-foot size, \$2.00; 30-foot size, \$3.00. Transportation paid.



Soil Soaker

HOLLAND ROTARY SPRINKLER

The whirling wheel distributes water like a gentle shower over an area up to 30 feet in diameter, depending upon the water pressure (which can be adjusted to your needs by a simple turning of the faucet). Even uniform coverage. Die cast distributor wheel has nothing to wear or get out of order, and only one moving part. Needs no oiling. Price, \$1.50. Postpaid.



Holland Sprinkler

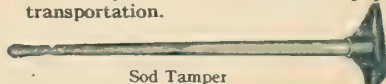
Spike-Tamp

An indestructible combined Sod Perforator and Tamper made of malleable iron. Quickly converted from Spiker to Tamper and reverse by loosening one nut. 9 inches square, spikes 1 1/4 inches long, tapered. Overall length, 4 feet. Weight, 13 lbs. Price, \$5.50. Purchaser pays transportation.



Henderson's Sod Tamper

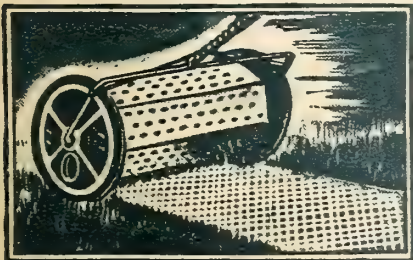
Cast iron 8 x 8 inches. Wooden Handle 48 inches. Weight 14 lbs. Price \$2.75 each. Purchaser pays transportation.



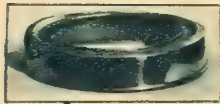
Sod Tamper

E-Z Fertilizer Spreader

To operate, fill container, and guide like a carpet sweeper. Distributes quickly without waste or mess. Instructions for assembling accompanies each spreader. Price, \$1.25. Postpaid 150 miles.



Lawn and Garden Equipment.



Ring Sprinkler

No revolving parts to wear and get out of order or leak.

Price, \$1.25. Transportation paid.

Hose Nozzle Graduating



Adjustable from shut-off to spray or stream. Plastic construction. A satisfactory substitute for the brass type which is restricted.

Price, 75c. Postpaid.

Florists' and Gardeners' Hose Sprinkler



A wide face brass nozzle. Price, for 3/4-in. hose, 3-in. face \$1.00; 4-in. face, \$1.25. Transportation paid.

Rubber Hose Washers

For 3/4-inch Standard size hose, also for 1-inch hose, 10c per doz. Transportation paid.

Garden Hose



Made entirely according to Government regulations. Each length is fitted with regulation 3/4 inch coupling without extra charge. 5/8 inch standard. \$3.25 per 25 foot length; \$6.00 per 50 foot length. Transportation paid within 50 miles.

HENDERSON'S Garden Hose (Black)

Made of double braid construction, smooth rubber outside casing. Fitted with metal water-tight couplings without extra charge. Manufactured for rough outdoor use.

Prices, 3/4 in. per 25 foot length, \$6.50; per 50 foot length, \$12.50. Transportation paid within 50 miles of New York.

Bull Dog Hose Mender



Simply cut the hose apart where a leak occurs, insert the tube and hammer down the steel fingers.

Price, 1/2 and 3/4-in., 15c each; \$1.65 per doz. Transportation paid.

Bull Dog
Hose
Mender

Bull Dog Hose Coupler

Applied in same manner as mender. Price, 35c each. Dozen, \$4.00. Postpaid.

Wheelbarrow Leaf Rack

A handy device for collecting leaves and litter. It fits on any wheelbarrow with removable sides. It is made of galvanized wire, bolted to a wooden base; capacity about 10 bus.

Price (rack only), \$14.50. Purchaser pays transportation.



Wheelbarrow
Leaf Rack

The Regulation Wheelbarrow

A superior barrow, handsomely painted and striped; iron leg braces, bolted, not screwed on, run under the legs, forming a shoe to slide on, avoiding racking the barrow. Purchaser pays transportation.

Medium size. Price, \$10.00.



Specifications

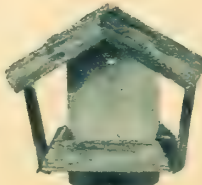
Length Box	Width of Box		Weight	Diam. Wheel	Wooden Wheels Tread
	Wheel End	Handle End			
26 in.	19 in.	22 in.	50 lbs.	20 in.	1 1/4 in.

Encourage the Birds to Live in Your Garden Give them Modern Accommodations

These Rustic Bird Houses are hand constructed of genuine White Cedar, kiln dried and insect free. Special processing prevents the bark from leaving the wood and insures an attractive and durable home for our feathered friends.



No. 1 Blue Bird House
Price, \$1.75. Postpaid



No. 2 Robin House
Price, \$1.75. Postpaid

Wild Bird Feeding House

Holds 5 pounds of seed which falls into a narrow trough as it is consumed by the birds. The feeding trough cannot become foul and the seed will remain clean and dry in the hopper.

Base, 9 x 10 1/2 inches. 11 inches high.

Price, \$3.25. Transportation paid.



Henderson's Wild Bird Seed Mixture

A choice formula of re-cleaned seeds that are relished by all types of birds. It will induce the songsters to stay close to your garden.

Price, per lb., 25c; 5 lbs., \$1.10; 10 lbs., \$2.00; 25 lbs., \$4.75; 100 lbs., \$16.00. Transportation paid in first zone, 50 miles from New York City.

Suet Cakes

These cakes of Suet are made up with the famous Henderson's Wild Bird Seed Mixture sold in bulk form for use in our Wild Bird Feeding Station.

Price, 35c each. Postpaid.



No. 3 Rustic Wren Houses
Price \$1.75. Postpaid



Massively constructed to add beauty. Can be attached to tree, house or pole.

No. 5 B. R.
Blue Bird with
Hanger (small)
Price, \$2.50
Postpaid



No. 6 W. R.
Wren with Hanger
Price, \$2.50.

This type can also be furnished for Blue Birds at \$2.50. Postpaid.



No. 7 B. R.
Blue Bird with
Hanger (large)
Price, \$3.00. Postpaid

Price, \$3.00. Postpaid



Rustic Suet Rack With Suet

Price, \$1.25. Postpaid

This Rustic Rack of White Cedar will hold the Henderson Suet Cake of mixed bird seed.



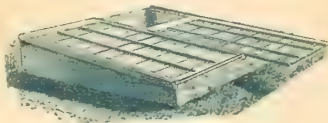
Metal Suet Rack Galvanized Metal Painted

Suet is the most tempting morsel for coaxing the birds to loiter during the severe days of Jack Frost. The rack can be hung on a nail.

Price, 60c. Postpaid.

Henderson's Hot Bed and Cold Frames

Made of best cypress lumber planed and painted. The corners join by bolting on angle irons. 8 inches deep in front, 16 inches deep at back. We ship them "knocked down," but they are quickly and easily assembled.

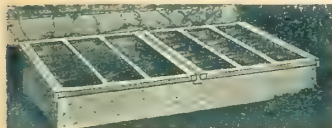


Prices. Cost of crating sash extra. \$1.50 per crate from one up to four sash.

Frames are furnished with or without Extra Fine Glazed Sash.

AA frame with 1 extra fine 3 x 6 ft. glazed sash, \$24.75; without sash, \$16.50
A frame with 2 extra fine 3 x 6 ft. glazed sash, 36.50; without sash, 20.00
B frame with 3 extra fine 3 x 6 ft. glazed sash, 50.75; without sash, 26.00
C frame with 4 extra fine 3 x 6 ft. glazed sash, 64.00; without sash, 31.00
D frame with 5 extra fine 3 x 6 ft. glazed sash, 76.25; without sash, 35.00

Purchaser pays transportation.



Half-length Hot Bed and Cold Frames

(36 inches wide)

Made of Cypress lumber, and painted the same as the full sized frames described above, excepting that they are 12 inches above ground at the back which gives the same pitch to 3 x 3-foot sash as a 16-inch back does to full 6-foot length sash. Our frames are all shipped "knocked down," but are quickly and easily assembled by anyone.

Cost of crating extra. \$1.50 per crate from one up to four sash.

Half-length Frame with 1 glazed sash 3 x 3 ft. \$15.25; without sash, \$10.00
Half-length Frame with 2 glazed sash 3 x 3 ft. 23.50; without sash, 13.00
Half-length Frame with 3 glazed sash 3 x 3 ft. 32.75; without sash, 17.00

Purchaser pays transportation.

Sash for Hot Beds and Cold Frames

Extra Fine Without Glass—Not Painted

Made of selected Red Gulf Cypress, free from knots and sap. They have finished edges and an iron crossbar in the center.

Size, 3 x 6 ft. 1 3/8 inches thick, and will require 3 rows of 10 x 12 glass. They are unpainted except the joints, which are white leaded before being put together.

Price, \$4.00 each.

One box of glass, double thick, will glaze three 3 x 6 ft. sash; cost of glass per box of 60 panes, \$8.00. Purchaser pays transportation.

Extra Fine With Glass, Puttied and Painted

With two coats of white paint, \$8.25 each.

Packed and crated \$1.50 extra per crate—from one to four to a crate. Purchaser pays transportation.

One box of glass, double thickness, 10 x 12 will glaze three 3 x 6 ft. sash. Cost \$8.00 per box of 60 panes. Purchaser pays transportation.

Half Length Sash

Without Glass—Not Painted

These are made in the best manner of Red Gulf Cypress, 1 3/8 inches thick, 3 x 3 feet square, and will take three rows of 10 x 12 double thick glass. Price, \$3.50 each.

One box of glass 10 x 12 will glaze 6 half sash.

Price, \$8.00 per box. Purchaser pays transportation.

With Glass, Puttied and Painted, Ready to Use

With two coats of paint. Price, \$5.25 each.

Packed and crated \$1.50 per crate extra; from one to four sash per crate. Purchaser pays transportation.

Mats for Hot Beds and Cold Frames

These are made of strong waterproofed cloth, warmly lined with waste wool and cotton which is quilted in to hold position.

Price, 40 x 76 ins., \$3.75 each; 76 x 76 ins., \$6.00 each. Purchaser pays transportation.

Twemlow's Old English Glazing Putty

For bedding glass in, for filling cracks or seams in roof joints and frames. One gallon glazes about 300 lineal feet.

Price, gallon, \$3.50. Purchaser pays transportation. Order Early.



Grow Aid Seed Flats

Can be used anywhere in the home to promote the growth of vegetable and flower plants. The waterproof liner tank prevents seepage or soil from escaping. Flats are made of water resistant green plastic coated chipboard, overall size 10 3/4 x 10 3/4 x 2 3/4 inches. The cover and box are the receptacles for the two waterproof tank liners enclosed in the box. Each box contains 55 two-inch removable plant bands. Complete instructions with every unit.

Price, 85c postpaid.

Handy Indoor Seed Starter Set

Simplifies the Starting of Seed for Early Vegetables and Flowers

Two sturdy, attractive WATERPROOFED boxes each fitted with twelve handy seedling trays for 100 to 500 plants, depending on size. Neat, clean, compact, easy to handle, designed specifically for indoor seed starting. Eliminate messy, makeshift methods. Prevents over-watering and leakage.

NO MORE WASHING OUT—waters soil from BELOW.

Handy trays automatically space the rows for healthiest growth.

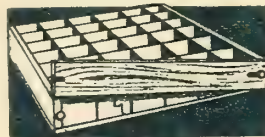
ASSURES CORRECT PLANTING DEPTH.

STIMULATES STRONG ROOT GROWTH. Moisture (and plant food when needed) is concentrated at roots. Full instructions for controlling damping off included with each set.

Price, 60c per set. Postpaid.



Seed Starting Flats



The front is removable, this permits sliding out the pots without breaking up the soil or disturbing the roots.

Pots are made with bottoms and may be placed into the ground by merely unlocking the bottom leaving the roots undisturbed.

The 2-inch pots are suitable for most flowering plants and smaller vegetables, the 3-inch pots for tomatoes, eggplant, cabbage, etc.

No. 1 Garden Flat with 36, 2-inch pots each 90c; 1 doz., \$10.00.

No. 2 Garden Flat with 16, 3-inch pots each 80c; 1 doz., \$ 9.50.

Kraft Board Pots sold separately if desired. 2-inch—100 for 85c; 1000 for \$7.00. 3-inch—100 for \$1.25; 1000 for \$10.00.

Transportation paid to 1st and 2nd zones—150 miles from New York.

Bulb Storage Flats

These Storage Flats have the famous B-B Patent Removable Front and are designed for the correct storing of tulip, hyacinth, narcissus, and daffodils after blooming in the spring and for gladiolus, dahlias, and canna roots, etc., during the winter.

Floor and sides are properly ventilated to keep air circulation active, which with the addition of peat moss or dry soil will keep the bulbs cool, in a dry atmosphere, and is ideal for replanting in the spring. The B-B Front allows easy access to contents at any time, and card holder is added for marking contents.

Flats measure 14" x 20" x 5", accommodating up to 100 or more gladiolus bulbs.

Price, 40c; 1/2 doz., \$2.25; 1 doz., \$4.25.

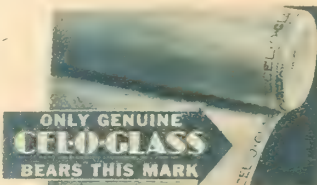
Genuine Cel-O-Glass

This is a new improved highly translucent material that gardeners and home owners will find most valuable for replacing glass in hot bed sash, doors, windows, etc. It is not affected by hail, snow, rain or wind and cannot break like glass. It is flexible and easy to cut and use.

Cel-O-Glass has proven very efficacious for its use in connection with greenhouse work and plant forcing, as it does not hinder or deflect the passage of the ultra violet rays of the sun. For this reason also it has proven useful on cold frames or for making cylinders or cones for individual plant forcing.

Cel-O-Glass is 28 inches wide. Price per lineal yard, \$1.35; per 25 ft. roll, \$10.00.

Purchaser pays transportation.



MISCELLANEOUS GARDEN IMPLEMENTS AND REQUISITES A to H



Ameroid HOME BOILER TREATMENT

Unless proper treatment is added to the water in your heating or steam generating plant—actual loss of money must follow.

Water impurities present in all water form heat insulating deposits. This results in inefficient heating. So—

More fuel (oil or coal) must be burned to secure a given amount of heat in your rooms.

If the water in the boiler gauge is rusty, oily, or dirty, there is definite indication that full value is not being secured from the fuel.

Industrial plants practice boiler water treatment to save fuel, equipment and money. Exactly the same benefits are available to the house owner who purchases AMEROID HOME BOILER TREATMENT.

Packed in 1 quart cans—sufficient for the average home up to 10 rooms approximately 500 square feet radiator surface.

Price, \$1.60. Postpaid.



Air-Wick

Kill Kitchen Odors. Clears Air Like Nature's Own Method

AIR-WICK is saturated with the same miracle ingredients Nature supplies through grass, trees and growing greenery. These ingredients eliminate all odors, and freshen the air.

AIR-WICK brings to your home Nature's own way of keeping the air in the country-side clean, sweet, fragrant.

Use Air-Wick whenever you cook. It's simple! Only one thing to do. Just pull up the wick. For best results open bottle five minutes before you start cooking. Nothing to light. Nothing to burn. Non-inflammable. Eliminates all odors.

Price, 6 oz. size, 69c; postpaid, 75c.

Plant and Cut Worm Bands

Efficient, Convenient and Economical

For starting seeds in Flats or for protecting plants from Cut Worms. Size 2 in. x 2 in. x 2 in. Price 75c per hundred, postpaid.



Asparagus Buncher

Asparagus Buncher American No. 4

Clamp Catch holds the asparagus firmly until tied and cut. The back can be adjusted in or out for any length desired.

Price, \$5.00. Packed weight, 8 lbs. Purchaser pays transportation.

Brush Axe or Brush Hook

For trimming out underbrush, cutting down old hedges, etc.

Price, with handle, \$3.50. Transportation paid.

Wire Hanging Baskets

Green finish, strong and well-made.



Brush Axe



Hanging Basket

Size	Each	Dozen
8 in.....	30c	\$3.50
10 in.....	50c	5.25
12 in.....	75c	8.50



Farmers' Basket

Farmers' Baskets Round Splint

Bushel.....\$2.50
Purchaser pays transportation.

Round Picking Basket

Best oak splint, stiff bail, flat rim, strapped. ½ bushel, \$1.50. Purchaser pays transportation.

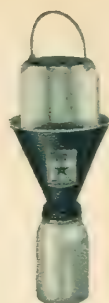


Vegetable and Berry Baskets

Vegetable and Berry Baskets

Made to hold Standard quart berry boxes.

Price, No. 1, 17 x 10½ x 4, \$.75; No. 2, 19½ x 11½ x 4, \$1.00; No. 3, 21½ x 13 x 4, \$1.25. Prepaid 1st and 2nd Zones.



Beetle Trap

Beetle Traps

TYPE O—For the home garden—Rust-resisting galvanized steel, enameled green and white. Standard thread will fit any mason jar.

Price, 40c; with bait, 65c; with bait and jar, 80c.

TYPE 4—For the larger home or estate.

Price, \$1.10; with liquid bait, \$1.80; with bait and jar, \$1.95.

Purchaser pays transportation. Dry Bait—Small, 25c; large, 50c. Rods, 35c each. Metal perforated Cages, 50c each. Postpaid.

Extra jars at 15c each or 25c postpaid.

Celery Bleachers



Celery Bleachers

Made of a special process material scientifically treated to withstand moisture. With these Bleachers, no banking of soil or putting up boards is necessary.

Price, 6½ x 13 in., doz., 40c; 100, \$2.75; 1000, \$24.00.

Price, 7 x 14 in., doz., 50c; 100, \$3.50; 1000, \$28.00. Purchaser pays transportation.

Celery Handlers for placing celery bleachers. Tin, \$1.25. Brass, \$3.50 Transportation paid.

Prong Cultivator

It will pull out weeds, pulverize the ground thoroughly, leaving it level.

It is adjustable in width by sliding the top plate.

Price, including long handle, 5-prong, \$1.50. Transportation paid.



Prong Hand Cultivator

Henderson's Hand Cultivator

Ideal for stirring—cultivating and breaking up the soil.

Price, \$1.25. Transportation paid.



Henderson's Hand Cultivator

Dibber or Dibble

Steel, the best kind; it scours bright, works easy and will not rust. Wooden Handle. \$1.50 each. Transportation paid.



Dibber

EROSIONET

Prevents washing away of seed and soil—for new lawns, weak lawns and stubborn terraces.

Erosionet is a strong, economical, open-mesh fabric made of tightly twisted paper twine. When placed over any seeded surface its ¼-inch squares form tiny dams, which catch and hold seed and sod firmly in place. Thus, damaging "washouts" are effectively checked without cutting off the sunlight. As it also catches and holds moisture, it helps overcome lawn disappointments.

45 in. wide. 15c yd., postpaid.



Gem Transplanting Fork

A very convenient tool for transplanting. Price, 60c. Transportation paid.



Gem Transplanting Fork

Manure Forks

Round Tine	Sturdily Constructed
4 tine.....	\$2.25
5 tine.....	2.50
6 tine.....	3.00

Purchaser pays transportation.

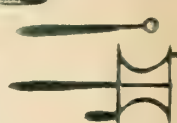
Spading Fork

Extra quality spear-points; tines with diamond-shaped backs; strapped "D" handle. 4 tine.....\$2.00



Garden Line Reel

Finished in blue enamel. These reels are of very substantial construction. Parts carefully machined to insure easy winding. Holds 300 feet of Line. Price, \$2.50. Postpaid.



Garden Reel

Garden Line

Best braided for hard, rough use outdoors. Obtainable in hanks of 48 feet. Price, \$1.00 each. Postpaid.

Grafting Wax

Price, ¼-lb. pkg., 20c; ½-lb. pkg., 30c; 1-lb. pkg., 50c. Transportation paid.



GRAFTING MALLET

Price, 75c. Transportation paid.

Graftex—The Scientific Grafting Compound

Endorsed by leading tree surgeons and agricultural authorities. Can be used hot or cold in any kind of weather.

Price, ¼-lb. can, 50c; 5-lb. can, \$4.25. Transportation paid.

Henderson's Superior Draw

Hoes



Draw Hoe

Extra quality cast steel oil, tempered thin, elastic polished blade; Swan's neck, socket shank, 6 inch, \$1.25. Purchaser pays transportation.

Germaco Hotkaps

A wax paper plant protector, scientifically made to serve as an individual greenhouse to protect young plants from frost and hasten development. Home

Package 25 Kaps and Setter.....50c
Special Package 100 Kaps \$1.95
Special Package 250 Kaps including Garden Setter with Tamper \$4.25
1000 Hotkaps \$11.00
Steel Setter \$1.35
Fibreboard Garden Setter alone.....15c

Purchaser pays transportation. Larger quantities, prices on application.



MISCELLANEOUS GARDEN TOOLS and SUPPLIES—K to P

Gardeners' Kneeling Pad

A pad 9 inches wide by 15 inches long made of soft rubber that eliminates the discomfort of weeding and other garden operations. It guards against penetrating moisture. Price, \$1.00. Transportation paid.



Smith-Made Weatherproof Plant Marker

This new metal stake with special white writing surface will stand any weather.

The slip over cap has a clear transparent window made of Lumarith, a non-shatterable material unaffected by weather and will not discolor with age.

Your writing is sealed in, protected and always clear and readable.

Prices, 12 markers, \$1.00; 25, \$2.00; 50, \$3.75; 100, \$7.00. Postpaid.



Perfect Fruit Picker

Steel wire, painted green, attaches to pole of any length. Price, without pole, 75c; transportation paid.



Perfect Fruit Picker

The Adaptable Plant Support

A heavy wire hoop is skillfully attached to the stout square stakes so that it may be raised or lowered in the spaced notches as desired. The stakes are 4 feet high, made from durable wood and are painted green.

The hoops are made from heavy iron wire, are coated with a rust resisting paint, and can be hooked together.

Price, \$2.75 doz. Packed weight, 16 lbs. Extra hoops for stakes, \$1.50 doz. Extra stakes only \$1.50 doz. Purchaser pays transportation.



Perfect Garden Label



Made of indestructible material. Gray-green color, Duco-like surface. Use ordinary lead pencil.

Border size (length, 5 inches; width of marking space, 2 inches).

Prices, 12 labels, \$1.00; 25, \$2.00; 100, \$7.75.

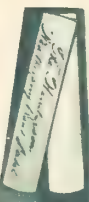
Rock Garden size (length, 4 inches; width of marking space, 1 1/4 inches).

Prices, 12 labels, 90c; 25, \$1.75; 100, \$6.75. Transportation paid.

Simplex Plant Labels

The written name is fully protected by a transparent mica cover. Mark with ordinary lead pencil.

Furnished with copper wires for attaching. Transportation paid.



	Size	Dozen	100
No. 1.	3 x 1 1/2	\$.50	\$3.00
No. 2.	4 x 1 1/2	.75	5.00
No. 3.	5 x 1	1.00	7.00

Simplex Green Weatherproof Labels

Price includes copper

wires for attaching.

No. 31, 3 x 1 1/2, per doz., 50c; per 100, \$2.50.

No. 32, 4 x 1 1/2, per doz., 70c; per 100, \$4.00.

Steel Stylus for permanently marking above labels, 15c. Transportation paid.



Henderson's

Waterproof Garden Label

The card holder is made of rust-proof iron 24 inches long. Finished in dark green baked enamel. The card, 2 1/4 x 1 1/2 inches; with celluloid protection; each, 25c; \$2.85 doz. Purchaser pays transportation.



Label Pencil

Black lead for wooden labels.

Price, each, 15c; doz., \$1.75. Transportation paid.

Wooden Labels for Garden, Pots, Trees

Size Inches	Labels	Plain 100	Plain 1000	Painted 100	Painted 1000
3 1/2 x 1 1/2	Wired Tree...	\$.40	\$2.55	\$.45	\$3.30
4 x 1 1/2	Pot...	.35	2.00	.40	2.50
5 x 1 1/2	Pot...	.45	2.20	.50	3.00
6 x 1 1/2	Garden...	.50	2.50	.55	3.85
8 x 1 1/2	Garden...	.90	6.50	1.10	8.00
10 x 1 1/2	Garden...	1.40	8.00	1.55	9.00
12 x 1 1/2	Garden...	1.55	10.00	1.65	11.00
18 x 1 1/2	Field...	5.50			

Transportation paid. Send for quotation on larger quantities.



Celex Garden Labels

Weatherproof—will last for years. 3 x 1 1/2 inches—will mark with ordinary black lead pencil. Writing may be erased and labels reused from year to year. Supplied with copper wires.

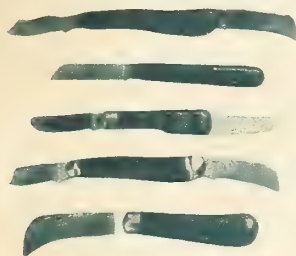
Price, 25c per doz. Postpaid.

Paper—Tissue and Waxed

	Per Ream
Manila Tissue 24 x 36 inches.....	\$2.25
White Tissue 24 x 36 inches.....	3.00
Green Waxed 24 x 36 inches.....	4.00
White Waxed 24 x 36 inches.....	3.75

(We regret that we cannot break reams.) Prepaid within 150 miles.

Knives for Budding and Pruning



K-1

K-2

K-3

K-4

K-5

Price

K-1 Kunde Pattern. 2 blades, 1 budder, 1 pruner, brass lined, dark handle.....\$2.50

K-2 Kunde Pattern. Same as K-1, 1 budder blade..... 2.00

K-3 Budding blade with white ivory budder, dark handle, brass lined. Imported..... 5.00

K-4 Combined budder and pruner, stag handle, steel lined and steel bolster..... 1.65

K-5 Pruning blade heavy Coco Bola handle steel lining, steel bolster..... 1.50 Transportation paid.

Asparagus Knife

This knife is hammer forged, well hardened and tempered to stand rough usage. Can also be used as a weed cutter and dandelion digger. American V shaped.



V-Shaped

Price, 60c. Postpaid.

OZONAL POISON IVY LOTION

This new scientific product should not be confused with the average salves or ointments. It is simply a pure vegetable oil impregnated with OZONE. Therefore OZONAL is a natural treatment using nature's own elements.



OZONAL releases oxygen slowly over a period of several hours, affording prolonged action against infectious organisms. It has been successfully used in the treatment of first, second and third degree burns, bacterial and fungoid infections, as well as rhus poisoning (poison ivy and poison oak).

FOR EXTERNAL USE only, directions given on container.

Price, \$1.00. Postpaid.

Lubricant Graphite Grease

Better than Oil because the graphite content becomes part of the metal surface and remains to lubricate long after an oil has disappeared. Lubricates Lawn Mowers, Motors, Power Tools, Flexible Shafts, etc.

Price, 50c. Postpaid.



Plant Setter and Bulb Planter

Will be found very efficient for planting all kinds of small plants and bulbs. Junior Model.

Price, 60c. Transportation paid.



Junior Plant Setter

Potato or Prong Hoe

Can also be used as a Cultivator. Flat Tines. 4 1/2 ft. handle.

Price, \$2.00. Purchaser pays transportation.



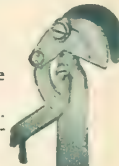
Prong Hoe

PRUNING EQUIPMENT

Compound Lever Pruner

Blades forged from high grade crucible steel

Price, 14-ft., \$9.25; 16-ft., \$9.75. Express only. Purchaser pays transportation.



Compound

Jointed Tree Pruner In Four Sections, Each Section 4 ft. Long

This tool is the same as the Compound Lever Pruner, with the added advantage of a jointed pole.

Price, \$13.75. Purchaser pays transportation.



Jointed

Telegraph Tree Pruner

Attaches to pole of any length, operates with a cord; a spring throws knife back in position.

Heavy high quality. Price (without pole), \$6.00. Transportation paid.



Telegraph

Waters' Tree Pruners

Cuts limbs up to 3/4-in. in diameter. The spring on handle resets the cutting blade.

Price, 10-ft., \$4.00; 12-ft., \$4.75. Purchaser pays transportation.



WATERS' TREE PRUNER

MISCELLANEOUS GARDEN TOOLS and SUPPLIES P to S

Planet Jr. No. 16 Single Wheel Hoe

*Complete for the
Home Gardener*



The most completely equipped Planet Jr. Single Wheel Hoe. It is particularly popular with gardeners who like to use just the right tool for every job.

The frame is steel, practically indestructible—yet light. The slots are so arranged that it is not necessary to remove the nut to put on or remove an attachment. Yet the tools are held rigidly in any desired position, and a wide range of adjustment is provided.

The handles are adjustable to suit the height of the operator.

THEIR ATTACHMENTS AND USES

The Cultivator Teeth, used for deep or shallow cultivation.

The Flat Hoes for surface hoeing.

The Landslide Plow is used for plowing, furrowing, covering, etc.

The Rakes are for stirring the surface.

The Leaf Lifters turn aside the foliage.

The Single Wheel Hoes are rather lighter than the double and while the wheel can be set on the side of the frame, enabling both sides of one row to be hoed at one time, yet they are best adapted for working between two rows.

No. 16. Price, complete, \$10.25.

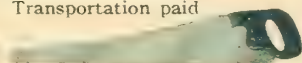
Supply limited.

Professional Pruning Saw

Used by Tree Surgeons, Light Weight, Hornless Handle

Made of high grade special steel, tuttle tooth pattern. Has extra sharp teeth that hold their edge longer due to their extra fine temper. Handle of kiln dried beech, special pattern. Extra large and roomy grip reinforced with fowel pin, making it rigid. Fastened to the blade with 3 nicked screws and one medallion.

Lengths 20 in., price \$4.00. 24 in., price, \$4.50. Transportation paid



Professional

Lightning Double-Edge Pruning Saw. 16-in., \$2.00; 18-in., \$2.25; 20-in., \$2.50. Transportation paid.



Lightning



Plain

Plain Pruning Saw. Narrow, 16-in., \$1.75; 18-in., \$2.00; 20-in., \$2.25. Transportation paid.

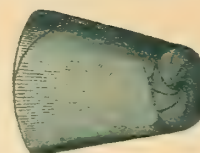
Pole Tree Pruner



Made of genuine Silver Steel, fitted with peg teeth and fastened to casting with bolt and wing nut. The blade is adjustable to cut at any angle. Casting is hollowed and bored for slipping on to the pole of any desired length so that it may be operated to reach high limbs from the ground avoiding the use of ladders. A hook is provided on this casting for dislodging cut limbs. Pole not furnished. Length, 16 in. Price, \$3.75. Postpaid.

Paper Flower Pots—Red or Green

Light in weight, economical. Unbreakable. The Red pots are made of water resistant paper and will stand up under reasonable moisture conditions for several weeks. The Green pots, make an attractive ornament wherever used. The soft green shade blends harmoniously with the natural color of the foliage. Plants are grown from seed to maturity in the green pots especially adapted for growing.



	Red		Green	
	Per dozen	Per 100	Per dozen	Per 100
2 3/4"	30c	\$1.20	\$.60	\$2.40
3"	35c	1.50	.70	3.00
3 1/2"	45c	1.85	.90	3.70
4"	55c	2.20	1.15	4.50
5"	65c	3.00	1.35	6.00
6"	85c	4.50	1.65	9.00

Postage paid within first and second zones.

Plant Stakes, Wooden

Light Round Green Tapering

Ideal for staking Gladiolus, Delphiniums, etc. Neat and uniform. Green painted.

Length	Doz.	100
2 feet	\$.40	\$3.00
3 "	.65	5.25
4 "	1.00	8.00
5 "	1.40	11.25
6 "	2.00	16.00

Heavy Round Tapering Stakes

For supporting Dahlias, young trees, etc. Painted green. Seasoned wood, will not warp.

Length	Doz.	100
2 feet	\$.55	\$4.50
3 "	1.00	7.00
4 "	1.50	10.50
5 "	2.00	14.50
6 "	2.75	18.00

Prepaid first and second zones.

Imported Chinese Bamboo Stakes

These stakes are very strong and durable

	Doz.	Per 100
4 feet—Natural color.....	\$2.00	\$15.00

Light Bamboo Cane Stakes, Dyed Green

For Delphinium, Gladiolus, etc. These stakes are thin, but very strong. Lots of 100 are delivered transportation paid within 50 miles of New York.

	Doz.	Per 100
2 feet.....	\$.30	\$.90
3 feet.....	.40	1.20
4 feet.....	.50	1.50
6 feet.....	.70	2.10

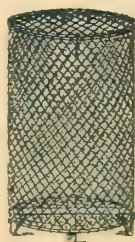
Rubbish Burner

This container of heavy gauge wire is constructed of prime material.

It is 32 in. high and about 18 in. in diameter with a raised bottom.

Presents a handsome appearance and is sturdily constructed, assuring indefinite satisfaction and service.

Price, \$8.50. Purchaser pays transportation.



Rakes

Steel Garden Curved Teeth

An all steel rake of quality. 5 foot wooden handle.

12 teeth, \$1.50; 14 teeth, \$1.75; 16 teeth, \$2.00; 18 teeth, \$2.25.



Garden

Steel Bow

The best rake will not break in middle; 12 teeth, \$1.25; 14 teeth, \$1.40; 16 teeth, \$1.65.

Not available. Purchaser pays transportation.

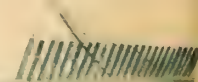


Bow

Wooden Grass or Hay

Our wooden rakes are of a superior grade; selected wood, 3 bow, aluminum. Wooden lawn, 28 teeth. \$2.50.

Not available. Purchaser pays transportation.



Grass

"Gumfinger" Lawn Rakes

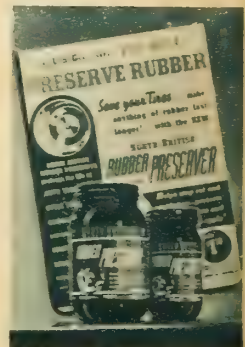
A new type rake, cannot rust, clog, break or tear the lawn. The flexible rubber teeth adjust themselves to every irregularity in the ground surface. Light, sturdy and easy to handle. Width 20 inches. Price, \$1.50. Purchaser pays transportation.



RUBBER PRESERVER

Preserve Garden Hose, Auto Tires, Rubber Boots, anything made of rubber. Helps stop rot and oxidation, protects against grease and oil. Prolongs the life of rubber. Easy to apply. Pint size covers 4 average auto tires completely.

Prices, 1/2 pint, 65c; pint, \$1.10; gallon, \$6.95; 5 gallons, \$6.75 per gallon. Transportation paid 1 and 2 zones.



"Vapor" Bottle Sprayer

This "Vapor" Sprayer consists of one seamless brass tube, working inside of an outer brass tube. It is made to fit any ordinary bottle.

Price, screw cap bottle, Quart Size, \$2.00. Transportation paid.



Vapor

Sowrite Seeder

Made of Fiberloid

Ideal for sowing fine seeds, eliminates guesswork, saves time, prevents crowding of seedlings.

Price, 50c each. Transportation paid.



Three in One Combination Tool

Adjustable for use as a trowel—transplanting fork and short handle hoe. Locks securely in any position. Polished steel and hard wood handle. Price, 65c prepaid.



Due to the National Emergency and Priority regulations, we reserve the right to withdraw any item from sale without notice.

MISCELLANEOUS GARDEN TOOLS and SUPPLIES S to T

Scythe Snaths

Grass Snaths, extra quality patent socket, \$2.25 each. Purchaser pays transportation.



Lawn-Scythe

Light and thin broad blades, strengthened by a riveted back, 32 in., \$4.00; 34-in., \$4.50; 36-in., \$5.00. Purchaser pays transportation.



Sickle

Sickles or Grass Hooks

Heavy back, thin cutting blade made from the best-grade steel.

No. 1, 85c; No. 2, 90c; No. 3, \$1.00; No. 4, \$1.25. Transportation paid.

Knuckle Saver.

Handle is raised from blade, making it possible to cut close without bruising or skinning knuckles.

Price, 75c. Transportation paid.

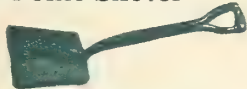
Long Handled Grass Hook

12-in. blade, 42-in. handle polished hard wood. Price, \$1.50. Transportation paid.



Square Point Shovel

Strapped smooth back. No. 2, D handle, \$2.25; long handle, \$2.25; Boys' shovels, \$1.75. Purchaser pays transportation.



Square Point Shovel

Round Point Shovel

Smooth back, strapped. No. 2, D handle, \$2.25; Purchaser pays transportation.



Round Point

Spades—Standard Quality

Smooth back; fully strapped. No. 2 D handle, \$2.00; Purchaser pays transportation.



Stones and Rifles

Rifle Emery



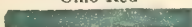
30c each. \$3.50 doz.

English



40c each. \$4.50 doz.

Ohio Red



25c each. \$2.75 doz.

Transportation Paid.

Soil Test Ribbon Fisher Alkacid

Provides means of determining the alkalinity or acidity of soil.

Tester contains a generous supply of test ribbon and a color chart with which the ribbon is compared after a short length has been moistened with a solution made by adding water to a representative soil sample. Manual of soil preferences included. Price, \$1.00 postpaid.



The Henderson Pruning Shears



Finest and best tempered steel. The blade is detachable, and the ratchet nut can be adjusted to keep them properly tightened. It is built for hard usage. Price, 9 in., \$2.25. Transportation paid.

Swiss Pattern Pruning Shears



Swiss Pattern

California Pattern

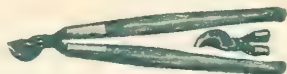


Pruning shear 9-in. crucible steel blades, hardened, tempered and polished. Ratchet lock nut. Price, \$1.50; transportation paid.

Full-polished, best quality crucible steel blades, tempered, ground convex; adjusting nut and regulating ratchet; longitudinal double brass spring; removable handle-clip.

Price, \$3.50. Transportation paid.

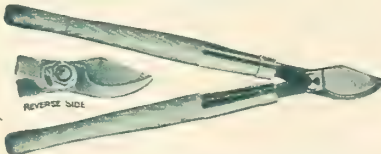
LADIES' NICKEL-PLATED PRUNING SHEARS, \$1.50. Transportation paid.



American Draw Cut Shears

Made with two drop forgings of high grade tool steel, carefully hardened and ground and fitted with 24-in. white ash handles, making a tool which is unsurpassed for cutting underbrush and limbs.

Price, \$5.00. Transportation paid



American Lopping Shears

Forgings of high grade tool steel 20-inch handle, 25 inches overall.

Price \$3.50. Transportation paid.

GRASS SHEARS



Grass Shears

Solid steel of finest quality and tempered; 6-in. blades. The raised trowel-like handles keep the knuckles off the ground.

Price, \$1.50. Transportation paid.

Permatox F

Wood Preservative and Pest Control

Controls mold, mildew, decay and attack of termites in basements, stairways and foundation timbers. Can be readily painted. Ideal for the preservation of fence posts.

Permatox F is 5 per cent solution of chlorinated phenols. This ready-to-use solution is prepared by mixing one part by volume of the concentrate with ten parts by volume of fuel oil or kerosene. One gallon of mixed Concentrate will cover 500 square feet one coat.

Price, \$5.00 per gallon, delivered 150 miles.

Sudbury Soil Test Kits

These kits test for Nitrogen, Phosphorus, Potash and Acidity

Hit-or-miss methods are no longer popular with the thrifty, skillful gardener. He is unwilling to risk good seed by planting in soil that may be unsuited to their needs—until he knows by test that he is doing the right thing.

Successful crops are based upon a knowledge of plant requirements plus analysis of the soil that will make possible intelligent adjustment to plant needs.

The Sudbury Soil Test Kits are designed to make this essential information instantly available. The quick practical tests will show the pH acidity of soil and any deficiency in nitrogen, phosphorus and potash. Each kit is accompanied by complete instructions and tables of plant needs



SUDBURY CLUB MODEL

Home Gardeners Kit (Model D) (Gives 20 tests).....	\$2.00
Club Model (Model C) (Gives 50 tests).....	4.75
Horticultural Soil Test Kit (Model B) (Gives 60 tests).....	9.75
De Luxe Soil Test Kit (Model A) (Gives 200 tests).....	22.50
Refills, 2 oz., 75c; 6 oz., \$1.50. Postpaid.	

Thermometers

For Household Use

Wooden back. Natural wood finish. 8 1/4 inches long. White celluloid face, inlaid.

Magnifying lens tube. Fahrenheit and Centigrade reading. Registers 30° below and 120° above zero.

Price, 75c each. Postpaid.



Hot Bed and Mushroom Bed Thermometer



Steel-tipped point encloses the temperature bulb; it is simply thrust into the soil or bed. Best grade.

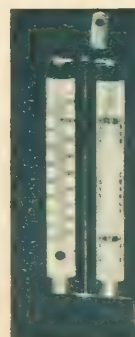
Price, \$3.00. Transportation paid.

Combination Thermometer and Barometer

Nickel-plated frame—adjustable to any angle. Brackets arranged to allow air currents to circulate around entire instrument. 5 1/2 inches x 1 1/4 inches. Registers 120° heat and 50° below zero. Packed in individual boxes, insuring safe delivery.

Will last indefinitely when securely attached to window or door frame.

Price, \$1.25, postpaid.



MISCELLANEOUS GARDEN TOOLS and SUPPLIES—T to W



Trash Master

Makes disposal of cut grass, weeds, hedge trimmings, and leaves easy. Will hold any weight. Slips off by drawing tie string. Bag measures 17 x 10½ inches at opening, 34 inches in height. Standard Type heavy cotton bag. Price, \$4.00. Transportation paid.

The Knockdown Trellis

Easily assembled or knocked down. When knocked down, it is compact for storing. Transportation paid. 8 ft. high, 56 in. spread, \$4.00, not mailable. Purchaser pays transportation.



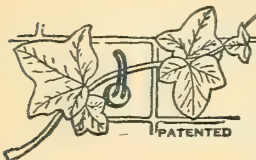
Pot Trellises



No. 100 No. 110 No. 120

Sturdily constructed and designed to add to the appearance of potted plants.

Enameled White	Price
No. 100—10 in.	.40
No. 110—14 in.	.60
No. 120—10 in.	\$1.00



WAYWARD Vine Guide and SUPPORT

For Training and Supporting IVY, Small Fruiting Trees and all other Vines, etc., on Brick, Stucco, Stone and Cement Walls without defacing.

Price, \$1.00 for box of 25, including cement. Postpaid.

Havahart Animal Traps



Will not injure the animal. Most humane method in trapping undesirable Squirrels, Rabbits, Woodchucks, etc.

No. 1, 5x5x18—Weasles, Rats, Chipmunks....	\$2.50
No. 2, 7x7x24—Muskrats, Rabbits, Squirrels...	3.50
No. 3, 11x11x36—Woodchuck, Raccoon, Cats..	8.00
No. 4, 7x7x42—All kinds of Snakes.....	7.00
No. 5, 9x18x36—Turtles up to 35 lbs.....	12.00
No. 6, 9x9x30—Special Mink Trap.....	6.00

Purchaser pays transportation.

LAWN TRIMMER Engel Lawn Edger

Especially designed to edge lawns with neatness and a minimum of effort.

Built to last—Self-sharpening blades of hardened steel. Leaves no unsightly grooves.

Price, \$6.50. Transportation paid.



TROWELS

Steel. Strong, durable. Price 6-in., \$1.15. Postpaid.



Steel Trowel

Wonderful. Cold rolled-steel, all in one piece. Price, 50c. Transportation paid



Wonderful

Bulb—Planet, Jr. Solid Steel measured in inches for correct planting depths. Price 65c. Postpaid.



Planet, Jr.

English Vine or Wall Nails



Nails Vine

For fastening vines to walls, houses, trellis, etc., lead clip pliable. 1 inch, 25c doz.; \$2.25 per 100. 2 inches, 40c doz.; \$2.75 per 100. 3 inches, 50c doz.; \$3.00 per 100.

Vyn Tach Hooks

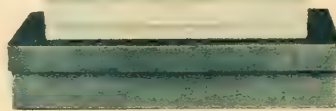
Attaches climbing Roses and other vines to masonry and wooden surfaces.



For Masonry: Complete set of 2 Hooks, 25 Shells, Drill and Holder, \$2.25. Without Drill and Holder, \$1.75.

For Wood: 25 for \$1.25. Postpaid.

CARDBOARD FLOWER BOXES



No.	Lgth.	Wdth	Dpth.		Pkg. 25	Pkg. 100
1	18	5	3	Mist Grey	\$2.25	\$7.50
2	21	5	3	Mist Grey	2.75	9.50
3	24	8	4	Mist Grey	4.50	16.50
4	28	8	5	Mist Grey	5.25	19.00
5	36	8	5	Mist Grey	5.75	21.00

Corrugated Shipping Boxes

	Cover	Pkg. 10	Pkg. 100
6 30	12 6 2½ in.	\$3.00	\$28.50
7 36	14 8 3 in.	4.00	38.00
8 42	16 8 3 in.	4.50	42.75
9 48	18 9 4 in.	5.50	52.00

Purchaser pays transportation.



Weather Vanes

Made of non-corrosive metals. Carefully balanced. Figures include Dog, Rooster, Schooner, Flying Goose and Directional Arrow. Measurement of design approximately 12 x 15 inches. Price, \$16.00. Postpaid.

WEEDERS

Chisel Blade Weed or Dock Cutter. Long handled, with foot rest. See cut. Price, \$2.00. Transportation paid.

Hazeltine's Hand Weeder. Peculiar shape permits a wide range of work. 35c each. Transportation paid.

Lawn Weeder, Cleveland. Curved blade edge loosens the soil—lever grasps plant without disturbing surrounding soil. Price, \$1.75. Postpaid.

Chisel Weed Cutter



Hazeltine

Cleveland Lawn Weeder

Speedy Weed Cutter

Speedy Weed Cutter 13-inch, double edge blade, 2½ inches wide

Made sufficiently strong to cut heavy weeds and light bushes. Price, \$1.50. Transportation paid.

Cedar Plant and Tree Tubs

Made of seasoned selected Virginia White Cedar, have heavy castings and are trimmed with extra heavy flat steel hoops. These tubs are painted both inside and out with best oil paints, and the hoops and castings are trimmed in a jet black paint. On this style we use a removable bottom.

Purchaser pays transportation.



Size	Top Diameter Inches	Bottom Diameter Inches	Depth Inches	Hoops Inches	Price Each	Weight Lbs.
No. 0	24¾	22½	24	3-1½	\$14.00	56
No. 1	23¾	20½	22	3-1½	13.00	44
No. 2	21	18½	20	3-1½	12.00	37
No. 3	18¼/16	16½	18	3-1½	9.50	28
No. 4	16½	14½	16	3-1½	7.25	24
No. 5	14¾/16	12¾	14	3-1	6.75	17
No. 6	12¾/16	10¾	12	3-1	5.50	14
No. 7	11¾	8¾	10	3-½	4.75	10

Inside Measurements on All Tubs.

Cortlandt Tubs

Made of Specially Selected Seasoned Cedar, Painted Green with best Oil Paint. Smooth, Beveled Top. Purchaser pays transportation.

Size	Top Diam.	Bottom Diam.	Depth	Packed Weights	Price
No. 1	11 in.	8½ in.	10 in.	4 lbs.	\$1.50
No. 2	12 "	9 "	11 "	5 "	1.65
No. 3	14 "	11 "	13 "	7 "	2.25
No. 5	19 "	15½ "	18 "	13 "	5.00



SPRAYING AND DUSTING EQUIPMENT

The Lightning Sprayer

THE LIGHTNING SPRAYER is a popular size and well built throughout for quick easy filling and cleaning.

SPECIFICATIONS

Tank—Capacity, 3½ gallons, galvanized. Well riveted to stand hard usage.
Pump—Seamless Brass, 1¼ in. diameter.
Hose Section—12 in., ¾ in., best grade; coiled spring.
Nozzle—Automatic Trigger Control. Non-Clog.
Brass Extension—12 inches Angle.
Shoulder Strap—With Snap Ends.
Weight, 12 lbs. Price, \$7.25. Transportation paid within 150 miles of New York.

Compressed Air Atomizer and Sprayer

Delivers a continuous fog-like spray. Is fitted with straight and adjustable nozzles, making a perfect under-leaf sprayer. In fact, spray can be delivered at any angle or position desired. Made in solid sheet copper, highly polished, holds 1 quart.

Price, \$2.00. Transportation paid.

Henderson's Spraymaster

Three quart galvanized tank with twin nozzle. Slow pumping keeps up a continuous, unbroken large fog. Straight or angle spray as desired. All working parts brass and easily removed without tools for cleaning purposes.

Price, \$2.50 postpaid.

Henderson's Handy Sprayer

It is substantially built of heavy tin and can be used for spraying all sorts of insecticides. Tank will hold one quart.

Price, 60c. Transportation paid.

Harco Sprayer

This brand-new, efficient, easy-to-use Harco sprayer plus good liquid insecticide means quick, certain death to garden-blighting insects and destructive fungus pests. Harco's conveniently-long extension rod quickly sends a penetrating spray right where it is most needed for effective garden pest control.

Price, \$2.35.

Cartridges for Hose Sprayer

Arsenate of Lead
Colloidal Sulphur
Bordeaux

Fungus
Nicotine
Cryolite
All Purpose

Price, 35c each; 3 for \$1.00. Postpaid.

Garden Hose Sprayer

The Garden Hose Sprayer attaches to your garden hose in place of the regular nozzle.

Complete Sprayer consists of non-leak shut-off, transparent cartridge chamber with metal threaded ends, and 12-inch angle spraying nozzle. All metal parts chromium plated. Price, \$4.50.

36-inch Angle Extension Nozzle, chromium finish. Price, \$1.75.

36-inch Straight Extension, chromium finish. Price, \$1.75.

Extra Transparent Cartridge Chamber with metal threaded ends, chromium plated and chromium plated Coupling to form double chamber for dual spraying. Price, \$1.75.

Complete sprayer and 6 assorted cartridges. Price, \$6.25. Postpaid.

Flame Gun

Patented Flat Flame of 2,000 degrees F. Burns Kerosene, Range Oil, Stove or Light Furnace Oil. For hundreds of uses: Spring, Summer, Fall, Winter.

4 gallon heavy galvanized Fuel and Air tank. 2 inch diameter brass air pump. Adjustable carrying strap, pressure gauge, 7 feet oil resisting hose with brass couplings. Overall length of burner including control valve, 38½ inches.

Price, \$23.50. Purchaser pays transportation.

Henderson's Improved Compressed Air Sprayer

Best for the Medium Sized Garden or Small Orchard

Tanks are manufactured of heavy gauge galvanized coated steel, electrically welded. Is equipped with automatic shut off with hold open feature, 2 stage safety lock, easy grip handles, large open head for easy cleansing, 2-inch diameter seamless brass pump and 24 inch brass extension.

Galvanized tank, fully equipped (4 gallon capacity)...\$8.00
Weight 13 pounds when packed.

Brass Extension Rod, 2-foot lengths. As many as 3 rods can be screwed together to reach tall trees.
Each.....\$1.00

Iron Extension Rod 32 inches. Each, \$1.00.

Transportation paid within 150 miles of New York.

The E-Z Knapsack Sprayer

Capacity Five Gallons

A large air chamber gives a continuous flow and an even pressure on spray nozzle which sprays at any angle.

Perfect valve action is assured, for there is only one solid bronze ball valve, which is readily accessible by unscrewing the air chamber.

Regularly equipped with 3 feet of hose, 2 feet extension, automatic trigger shut-off and nozzle.

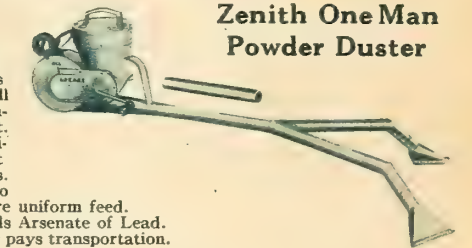
Price, Galvanized tank, \$23.50. Shipping weight about 18 pounds. Purchaser pays transportation.

Zenith Crank Duster

Adapted for field crops nurseries, orchards, etc. Will handle any agricultural insecticide powder or dust. Flow is regulated by micrometer feed adjustment. Will dust one or two rows. Twin blade agitator to eliminate lumps and insure uniform feed. Capacity up to 6 pounds Arsenate of Lead.

Price, \$18.50. Purchaser pays transportation.

Zenith One Man Powder Duster



Crystal Duster

Its length (40 inches) enables operator to dust under leaves without stooping over. Its visible glass jar enables operator to see if dust needs replenishing or agitation. Angle nozzle permits dusting both upper and under-side of leaves. Nozzle is removable to obtain straight jet.

Valve chamber is sealed with a cap which supports the agitator tube which extends entire length of jar. Discharge tube is screened to hold back lumps. Jar is formed so that duster will not roll off table. The large pump (1¼ in. x 18 in.) permits a large blast of air. This is essential in a duster. Jar can be filled through large sized opening at either end.

Price, \$1.85. Postpaid.

Dust Master Duster

A splendid high grade duster for dusting all garden vegetables, Grape Vines, Bush Fruits, Flowers, Shrubbery, etc. Dust everything in Powder Form. Capacity 25 ozs. Will dust underside of leaves at any angle.

Price, \$1.65 postpaid 1st and 2nd Zones, 150 miles, New York City.

Powder Bellows

Powder Bellows—will conveniently dust any form of powdered material. No. 1 measures 3½ x 7¼ inches \$1.25
No. 2 measures 4½ x 9½ inches \$1.65
Postpaid.

Modern Spraying Equipment

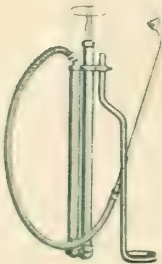
Siren Hand Bucket Pump



For spraying small trees, shrubbery, garden vegetables, washing automobiles, wagons, windows, and for spraying whitewash, disinfectants, sheep dip and all insecticides. Price, \$6.00.

Bucket Spray Pump

This pump will generate 300 pounds pressure at the nozzle end. Nozzle equipment provides a variety of sprays. Can be used for agricultural or general spraying with any bucket or barrel. Furnished with 3-ft. 1/2-inch hose, strainer pipe. Price, \$8.75 postpaid.



Hayes Jr. Spray Gun

Famous all-purpose sprayer makes 3 gallons of mixed spray material at a time. Sprays liquids and most wettable powders up, down, sideways. Light, easy to use. Just attach HAYES JR. to garden hose, turn on the hydrant, lightly press the conveniently long lever—and HAYES JR. sprays. Gives efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 175 pounds. No moving parts to wear out or break—insures long life and satisfactory service.



Price, \$5.95. Purchaser pays transportation.

Hayes-ette Sprayer

A compact, little bantamweight that efficiently does the work of many larger sprayers. Weighs just a little over a pound, filled. Simply attach to garden hose, lightly press the new No-Leak Thumb Button—that's all. Operates on 20 to 150-pound water pressure. Capacity 1 1/2 gallons of mixed spray material. Sprays all modern liquid spray materials. Ideal for use with spray kits.

Price, \$2.95. Purchaser pays transportation.



Bamboo Extension Pole for Caterpillar Lamp, Asbestos Torch, etc.

The **Bamboo Extension Pole** is made in 3 sections of 4 feet each and is securely connected with brass sockets, light and strong.

Price, \$2.25. Transportation paid. It can be used with torch, lamp, or fruit picker.

The **Asbestos Torch** is a galvanized wire basket filled with asbestos; when dipped in kerosene and lighted, is ready for use in destroying caterpillar nests in trees.

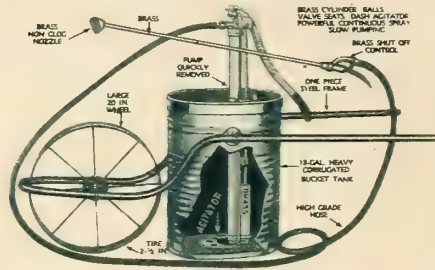
Price, 60c. Transportation paid.

The **Fruit Picker**. Price, 75c, extension pole extra. Transportation paid.



Henderson's Streamline Wheelbarrow Sprayer

One of the Best Wheelbarrow Sprayers



A portable wheelbarrow sprayer most efficient when used with two operators. Rigidly constructed to withstand heavy duty use. 18-gallon heavy corrugated galvanized tank with top and bottom reinforcing bands. Heavy duty pump maintains 200 pounds pressure with 1 1/4-inch seamless brass pump cylinder and 1 1/4-inch steel air chamber. All pump working parts of brass, with removable brass strainer screen. 32-

inch iron extension. Pump can be removed so that tank and barrow may be used for carrying grain and liquids. Weight 69 lbs. Price, \$29.00.

No. 50, 12-gallon capacity, light in weight, well built and durable. 8 feet of hose furnished with nozzle. Weight, 44 pounds.

Price, \$22.50. Purchaser pays transportation.

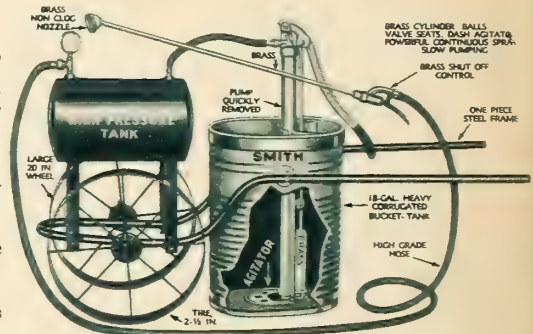
Wheelbarrow Sprayer

With extra pressure storage tank

A complete portable spraying unit for one-man operation. Rigidly constructed to withstand heavy duty use. 18-gallon heavy corrugated galvanized tank, top and bottom reinforced bands, heavy duty pump, five-gallon 12-gauge storage tank enabling spraying to continue after cessation of pumping. Maintains 200 to 250 pounds pressure with 1 1/4-inch seamless brass pump cylinder, and 1 1/4-inch steel air chamber. All pump working parts of brass with removable brass strainer screen. 32-inch iron extension.

FEATURES

Hot galvanized tank.
Solid brass pump and valves.
Rubber grips on barrow handles.
Solid one-piece wheelbarrow frame.
Automatic shut-off with stay-open feature.
Furnished with steel rim.
5-gallon pressure storage tank.
Weight 98 lbs.
Price, \$53.00.
Purchaser pays transportation.

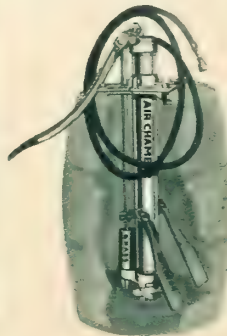


Double Spray Barrel Pump

225-lb. pressure

This is an unusually large, powerful spray pump, with all-brass working parts; carefully machined and ground together, making all parts air-tight and non-rusting. The large air chamber develops extra heavy pressure with slow, easy pumping. Capacity, 3 gallons per minute. One of the most powerful hand spray pumps made.

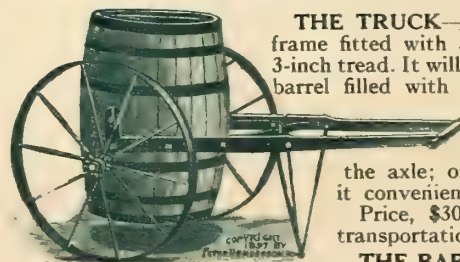
Price \$32.00. Includes 12 1/2 ft. hose and nozzle. Purchaser pays transportation.



Water Barrel Truck

THE TRUCK—consists of a strong frame fitted with 30-inch steel wheels, 3-inch tread. It will pick up a trunnioned barrel filled with water in an instant without any handling, all the weight being balanced over the axle; one man can operate it conveniently.

Price, \$30.00. Purchaser pays transportation.



THE BARREL—very durable, used for carrying water, ashes, garbage, insecticides or other solutions, capacity about 50 gallons.

Price, \$15.00. Purchaser pays transportation.

Due to the National Emergency and Priority regulations we reserve the right to withdraw any item from sale without notice.

INSECTICIDES, Etc., FOR THE CONTROL OF INSECTS AND PLANT DISEASES

NOTE—Items on this page offered transportation paid are prepaid by us within first and second zones (150 miles of New York City), except where otherwise noted mail, express, or freight, at our option. Beyond these zones, purchaser pays transportation charges.

CONTROL REMEDIES FOR CHEWING AND SUCKING INSECTS

Directions for using any of the following will be found on each package.

APHINE. Very powerful. Applied as a spray, wash or dipping solution. It kills aphids, thrip, red spider, slugs, ants, mealy bug, and scale.

Price, $\frac{1}{2}$ pt., 50c; 1 pt., 75c; qt., \$1.00; gal., \$3.00. Transportation paid; see note at top of page.

APHIS SPRAY (Henderson's) A nicotine contact spray for effectively destroying aphids—1 ounce makes 5-6 gallons of spray material.

Price, 1 oz., 35c; 4 oz., \$1.00. Postpaid.

ARSENATE OF LEAD POWDER. For dusting or spraying in liquid form.

Price, 1 lb., 40c; 4 lbs., \$1.40; 24 lbs., \$5.75; 100 lbs., \$20.00. Transportation paid; see note at top of page.

ARSENATE OF LEAD (Green Colored). More adhesive and non-offensive in appearance.

Price, $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 4 lbs., \$1.85. Postpaid.

ARSENATE OF LEAD (Oleate Coated). It gives lasting protection to ornamental trees and shrubs, one pound to 12 $\frac{1}{2}$ gallons of water.

Price, 1 lb., 60c; 2 $\frac{1}{2}$ lbs., \$1.25. Transportation paid.

BLACK-LEAF 40.

Price, 1 oz., 35c; 5 ozs., \$1.05; 1 lb., \$2.50; 2 lbs., \$3.70; 5 lbs., \$6.90; 10 lbs., \$11.65. Transportation paid; see note at top of page.

BORDO AND ARSENATE OF LEAD POWDER. A combined insecticide and fungicide, kills bugs and prevents many diseases, such as mildew, blight, rot and fungus. Can be used as a wet or dry spray.

Price, $\frac{1}{2}$ lb., 30c; 1 lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.50. Transportation paid; see note at top of page. Larger quantities, price on application.

D-X. A powerful Rotenone and Pyrethrum spray in a patented spray base of great penetrating qualities. Non-poisonous to humans and warm blooded animals.

Price, $\frac{1}{2}$ oz., 35c; $\frac{1}{2}$ pint, \$1.25; qt., \$3.50; gallon, \$9.50; 5 gallons, \$39.75.

D-X NICOTINE. A nicotine spray in the famous D-X base for unrestricted use against insects of flowers and shrubs, as well as food crops. Combines with arsenate of lead, making

one of the most powerful Japanese beetle repellents available. Especially effective against hard-to-kill insects in the garden. Price, $\frac{1}{2}$ oz., 40c; $\frac{1}{2}$ pt., \$1.40; qt., \$3.95; gal., \$10.75.

KRYOCIDE. For combating certain chewing insects on fruit or shade trees. Use as a dust or spray.

Price, 1 lb., 35c. Also available with sulphur added. Price, 1 lb., 50c; 3 lbs., 85c. Postpaid.

MAGNESIUM ARSENATE. Used for the elimination of bean beetles, caterpillars, etc. For wet spraying, 1 pound to 50 gallons water. Care should be taken that the underside of the leaves are thoroughly sprayed. For dry spray, add 4 pounds Hydrated Lime to each 1 pound and dust four times during the growing season.

Price, 12 oz., 45c; 2 lbs., 80c. Transportation paid; see note top of page.

NICOTINE SPRAY (Henderson's). Nicotine Sulphate 40% is the recognized contact insecticide for effectively destroying plant lice and other soft bodied insects. The efficiency is increased by the addition of soap as a spreading agent.

Price, 1 oz., 35c; 4 oz., \$1.00. Postpaid.



PARA-DICHLORO-BENZINE. For peach tree borer. Generates a gas. Directions on container.

Price, $\frac{1}{2}$ lb., 35c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.00. Transportation paid; see note top of page.

PARA-SCALECIDE. Dilute in 7 parts of water to make a safe and effective control for peach borer on young and old trees. One gallon treats 40 full-grown trees. Price, qt., 85c; gal., \$2.20. Postpaid.

PARIS GREEN. $\frac{1}{4}$ lb., 20c; 1 lb., 55c; 5 lbs., \$2.50; 14 lbs., \$5.00. Transportation paid; see note top of page.

POMO GREEN WITH NICOTINE. Used extensively as a prevention against black spot, mildew, etc., on roses and growing plants. The nicotine content kills aphids (plant lice) and other sucking and leaf-eating insects.

Price, 1 lb., 75c; 5 lbs., \$3.00. Transportation paid; see note top of page.

PYRETHRUM SPRAY (Henderson's). A newly formulated plant insecticide that controls most insects, both sucking and chewing.

Contains its own spreader or wetting agent. Leaves no poisonous residue. For use on Fruit and Vegetable Crops only.

Price, 1 oz., 35c; 4 oz., \$1.00.

RED ARROW GARDEN SPRAY. A highly concentrated Pyrethrum and Rotenone Extract containing soap. Simply mix with water. Harmless to animals. Kills rose chaffer, Mexican beetle, aphids (plant lice) and other chewing and sucking insects.

Price, 1 oz., 35c; 4 oz., \$1.00; pt., \$2.85; qt., \$5.00. Transportation paid; see note at top of page.

ROTENONE STABILIZED. A $\frac{1}{2}$ % rotenone dust, non-poisonous and more powerful than arsenate of lead in killing leaf-chewing and sucking insects. Will not injure tender foliage. For use on Fruit and Vegetable Crops only.



Price 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.75; 10 lbs., \$3.25; 25 lbs., \$7.50; 50 lbs., \$14.00; 100 lbs., \$25.00. Transportation paid; see note top of page.

SLUG SHOT. Powder insecticide. For use on Fruit and Vegetable Crops only.

Price, 1-lb. canister, perforated top, 30c; 5-lb. canister, \$1.20; 25-lb. fibre bag, \$5.50; bulk, 125-lb. keg, with duster, \$21.25; bulk, 250-lb. bbl., with duster, \$36.00. Transportation paid; see note top of page.

TOBACCO DUST, FINE (Henderson's). For green and black aphid, flea-beetles, etc. Splendid fertilizer and preventive for insects in the ground and around roots.

Price, 1 lb., 20c; 5 lbs., 70c; 10 lbs., \$1.10; 25-lb. bag, \$1.50; 50-lb. bag, \$2.50; 100-lb. bag, \$4.50. Transportation paid; see note top of page.

TREE TANGLEFOOT. Remains sticky—stops crawling insects. Every type of climbing and creeping insect easily controlled. A single band of this sticky paste on each fruit or shade tree makes a barrier which no insect can cross. Amber in color, it makes a neat protective coating on trees.

Price, 1-lb. can, 80c; 5-lb. can, \$3.75; 10-lb. can, \$7.00; 25-lb. drum, \$15.00.

WILSON'S O. K. PLANT SPRAY.

Price, $\frac{1}{2}$ pt., 40c; qt., \$1.00; gal., \$3.00; 5 gals., \$12.00; $\frac{1}{2}$ bbl., \$50.00; bbl., \$90.00. Transportation paid; see note top of page.

TO CONTROL AND REPEL THE JAPANESE BEETLE

JAPIDEMIC—MILKY DISEASE SPORE DUST kills the grub of the Japanese Beetle in the soil. Remains virulent and effective in the soil for many years. One pound will treat 4,000 square feet of area.

Full directions for application accompanies each package.

Price, 1 lb., \$5.00. Postpaid.

JAPELLENT is a non-poisonous, arsenic-free insecticide and repellent that kills Japanese beetles on contact, and protects plants against injury. Japelent is harmless to humans and animals, but deadly toxic to beetles and other leaf-eating insects. It leaves an invisible protective film. 3-oz. can (makes 4 gallons), 50c; 12-oz. can (makes 15 gallons), \$1.50.

FOR CONTROLLING SCALE

Price, 1 qt., 65c; gal., \$1.50; 5 gals., \$4.40. Transportation paid; see note at top of page.

LIME SULPHUR (Powdered). For San Jose and Oyster Shell Scales; also for peach leaf curl and brown rot of peaches. 1 pound makes $\frac{3}{4}$ to 5 gallons.

Price, 1 lb., 40c; 5 lbs., \$1.50; 25 lbs., \$5.00; 100 lbs., \$17.00. Transportation paid. Larger quantities, prices on application; see note at top of page.

FISH OIL SOAP. A wash for insects and eggs on the bark, and for applying to trunks of trees to prevent worms from crawling up.

Price, 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$5.00. Transportation paid; see note at top of page.

LIME SULPHUR SOLUTION. Dilute and spray with a spray pump while trees are dormant, in fall, winter or spring.

SMACK. An immediate kill on contact for destroying Japanese beetle, red spider, thrip, chinch bug, etc. Non-poisonous—quick in action. Will not burn.

Price, $\frac{1}{2}$ pint, 50c; pt., 95c; qt., \$1.65; gal., \$5.00; 5 gal., \$18.00. Transportation paid.

SCALECIDE. Used for the destruction of the San Jose scale. Trees may be sprayed in winter and early spring before they start to come to bud.

Price, qt., 75c; gal., \$1.75; 5 gals., \$6.35; 10 gals., \$10.90; 15 gals., \$13.25; 30-gal. bbl., \$21.25; 50-gal. bbl., \$29.90. Transportation paid; see note top of page.

ACME EMO—A Summer Oil Spray with much desired flowable consistency. Price, qt., 75c; gal., \$2.00.

INSECTICIDES, Etc., FOR THE CONTROL OF INSECTS AND PLANT DISEASES

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TO CONTROL FUNGUS DISEASES

DIRECTIONS for using any of the following will be found on each package.

BORDEAUX MIXTURE, POWDERED. For blight, mildew, rust, etc. It has all the advantages of paste, with double the strength. Used for dry dusting or spraying. Dilute 1 pound to about 6 gallons of water for 3-3-50 formula.

Price, 1 lb., 40c; 4 lbs., \$1.40; 24 lbs., \$5.75; 100 lbs., \$18.00.

BORDO AND ARSENATE OF LEAD POWDER. A combined insecticide and fungicide, kills bugs and prevents many diseases, such as mildew, blight, rot and fungus. Can be used as a wet or dry spray.

Price, 1 lb., 50c.

COPPER SOLUTION, AMMONIATED. A fungicide for spraying when fruits are nearing maturity, or plants in bloom. One quart is sufficient for 25 gallons of spray.

Price, 1 qt., \$1.50; 1 gal., \$4.60.

COPPER SULPHATE (BLUE STONE). Composes a necessary part in Bordeaux Mixture.

Price, 1 lb., 20c; 5 lbs., 85c; 10 lbs., \$1.50; 25 lbs., \$3.50; 100 lbs., \$12.00.

FUNGINE. An effective sulphurated spraying remedy for mildew, rust and other blights. Does not stain the foliage.

Price, ½ pt., 50c; pt., 75c; qt., \$1.00; gal., \$3.00. Transportation paid; see note.

FUNGITROGEN. Controls mildew, black spot and many fungus diseases of roses and other plants. A highly concentrated fungicide, invisible on the foliage or blooms. It is combined with a plant stimulant. To use, mix with water 60 times its volume.

Price, ½ pt., 75c; pt., \$1.25; qt., \$2.00; gal., \$6.00. Transportation paid; see note.

ROSE SPRAY—ACME. A Scientific Control system for insects and diseases affecting the rose.

Spray Treatment Chart included.

Unit No. 6 Makes 24 Quarts Spray.....\$1.50

Unit No. 24 Makes 96 Quarts Spray..... 4.00

Unit No. 48 Makes 48 Gallons Spray..... 6.00

Unit No. 96 Makes 96 Gallons Spray..... 9.75

SULPHUR WETTABLE (Henderson's). An improved form of dusting sulphur which dissolves immediately.

Price, 1 lb., 20c; 5 lbs., 80c; 10 lbs., \$1.50; 25 lbs., \$3.25; 50 lbs., \$6.00; 100 lbs., \$10.00. Transportation paid; see note.

SULPHUR DUSTING (Henderson's). For controlling powdery mildew, blight, black spot, rust and most rose diseases.

Price, 1 lb., 15c; 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$7.00.

TRIOGEN. For controlling black spot, mildew and blight. Especially recommended for roses, asters, snapdragons, carnations, hollyhocks, delphiniums, phlox, chrysanthemums, golden glow, dahlias and many other plants subject to disease and insects.

A. Small Kit (makes 16 quarts) \$1.50—Protects 12 to 20 roses for season.

B. Medium Kit (makes 49 quarts) \$4.00—Protects 50 to 80 roses for season.

C. Large Kit (makes 32 gallons) \$6.00—Protects 100 to 160 roses for season.

D. Estate Kit (makes 128 gallons) \$20.00—Protects 400 to 600 roses for season.

Transportation paid. See note top page.

TRIOGEN DUST. Combination insecticide and fungicide for those who prefer dusting roses as well as other horticultural plants. Same result accomplished as with the spray form.

Price, 1 lb., 65c; 5 lbs., \$3.00.

TO CONTROL UNDERGROUND INSECTS, GRUBS, ETC.

ANT KILLER. Very effective in the home, on lawns, sports turf, golf courses, etc.

Price, 4½-oz. size, 50c. Transportation paid; see note.

ANT-X. Kills Ants in the Nest.

Ants like the taste of ANT-X. They'll carry it back to the nest and destroy the whole colony. Comes in two forms.

ANT-X JELLY BAIT. Bait in jelly form for outdoor use. A drop on each ant-hill sufficient. Price 35c. Estate size \$1.00.

ANT-X ANT TRAPS. Sanitary, safety container for use in house or garden. Just break seal of box, and place where ants can get to it. Cannot be opened by a child or spilled by a pet.

Price, 25c. Postpaid.

ARSENATE OF LEAD POWDER. To kill the Japanese beetle grub. Use 10 lbs. to 1000 square feet.

Price, 1 lb., 40c; 4 lbs., \$1.40; 24 lbs., \$5.75; 100 lbs., \$20.00. Transportation paid; see note.

GO-WEST. For the control of Cutworms, Grasshoppers, Snails, etc. Price, Garden size, 1 lb., 60c (covers 400 sq. ft.).

Market Gardeners' size, 10 lbs., \$4.50 (covers 4000 sq. ft.).

Half Acre size, \$15.00.

Prepaid 50 miles.

PARA-DICHLORO-BENZINE. For peach tree borer. Generates a gas. Directions on container.

Price, ¾ lb., 35c; 1 lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.00. Transportation paid; see note.

NAPHTHALENE FLAKES (Henderson's). For repelling wire worms, maggots, cut worms, slugs, etc. 1 lb. to 20 sq. yds. of surface.

For thrip on gladiolus bulbs use 1 ounce to 100 bulbs.

Price, 1 lb., 50c; 5 lbs., \$2.25. Transportation paid; see note.

TOBACCO DUST, FINE (Henderson's). Splendid fertilizer and preventive for insects in the ground and around roots.

Price, 1 lb., 20c; 5 lbs., 70c; 10 lbs., \$1.10; 25-lb. bag, \$1.50; 50-lb. bag, \$2.50; 100-lb. bag, \$4.50.

Transportation paid; see note top of page.

TOBACCO STEMS. Used for fumigating and as a fertilizer.

Price, bale, about 100 lbs., \$4.00. Transportation paid; see note top of page.

VERMINE. Kills underground insects. Use 1 part Vermine to 400 parts water, thoroughly saturating the ground.

Price, ½ pt., 50c; pt., 75c; qt., \$1.50; gal., \$3.00. Transportation paid; see note top of page.

TO CONTROL MOLES, RATS, MICE

CYANOGAS (A) DUST. For outside use in killing ants, rats, moles, woodchucks, gophers and ground squirrels.

Price, 4 oz., 30c; 1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00. Not mailable. Purchaser pays transportation.

MOLE-NOTS. Ready to use; no traps; no dangerous gases. An attractive food for Moles, Gophers, etc. Exterminates quickly. With a pointed stick punch holes in the runs at intervals of four feet. Break a Mole-Not in each hole, cover lightly with earth. Allow from forty-eight to seventy-two hours before rolling run flat.

Trial size, 35c; Jumbo size, \$1.00; Giant size, \$5.00.

MOLENO. Eliminates moles from the lawn within 2 or 3 days; non-poisonous to humans or pets. Price, ½ lb. can, 50c; 1 ½ lb. can, \$1.25; 5 lb. can, \$4.00.

Transportation paid; see note top of page.

PESTEX. To discourage Rats, Mice, Birds, Squirrels, Rabbits, Dogs, etc., from the garden. Safe and effective. Can be applied with the ordinary dust gun.

Price, 1 lb., 60c; 2 lbs., \$1.00. Postpaid.

RAT-NOTS, the ideal exterminator. Comes in convenient prepared bait form. No traps to

clean, no mixing, no muss or fuss. Rats take it readily.

Price, 25c per pkg.; contains nine individual Nots. Also available in Estate size at \$1.00.

KILMICE. A well baited and meaty mouse seed. Ready to use.

Price, 2½ oz., 25c.

MOUSE-NOTS. Spread in the place mice frequent. Clean, sanitary. Simple to use. Packed in boxes containing 9 pellets. Place a pellet wherever there are signs of these rodents. It is not necessary to remove wrapper in placing.

Price, 25c; Estate size, \$1.00 postpaid.

SEED AND SOIL-TREATING COMPOUNDS

FORMACIDE (Formaldehyde Dust). Seed and Soil-Treating Compound, not only prevents damping off and complete Soil Sterilization, it also stimulates Plant Growth.

Price, ½ lb., 50c; 1 lb., 85c; 5 lbs., \$2.50; 25 lbs., \$10.00; 50 lbs., \$17.50; 100 lbs., \$30.00. Transportation paid; see note at top of page.

SEMESAN. A disinfectant for seeds. Controls damping off.

Price, 2 ozs., 40c; 1 lb., \$2.50; 5 lbs., \$11.40. Larger quantities, price on application. Transportation paid; see note at top of page.

SEMESAN JR. For Seed Corn treatment. Field—Sweet and Pop Corns.

1½ oz. tube.....15c 5 lb. can.....\$3.00

12 oz. can.....56c 6½ lb. can..... 3.75

1 lb. can.....75c 25 lb. pail.....12.50

MISCELLANEOUS CONTROLS

CORN EAR WORM DROPS. A treatment for control of Corn Ear Worm. Bottle contains applicator from which 4 to 10 drops, depending on size of ear, are to be inserted in the tip of the ear. Treatment should be made after corn silk has turned brown—a sign that complete pollination has taken place.

2 oz. bottle, 35c.

ROACH NOTS. A prepared bait.

Price, 25c; \$1.00 sizes.

TREE WOUND PAINT. Is an insurance against decay, having penetrating, antiseptic and elastic waterproofing qualities.

Price, ½ pt., 50c; pt., 90c; qt., \$1.75; gal., \$4.50. Transportation paid.

CHAPERONE. Stops damage by dogs.

For Indoor use in Powder form.....\$1.00

For Outdoor use in Liquid form.....\$1.00

See page 141 for insecticide cartridges.

TARTAR EMETIC. Recommended for controlling Gladiolus Thrip. Applied in solution. 2 lbs. Tartar Emetic with 8 lbs. brown sugar per 50 gallons water.

Price, ¼ lb., 40c; ½ lb., 75c; lb., \$1.00.

DOG REPELLENT (Henderson's). Breaks dogs of bad habits. Spray under your evergreens, shrubs, etc., and guard them completely against the depredation of dogs.

Price, per bottle, 60c; postpaid, 65c.

HENDERSON'S FERTILIZERS are FAMED for QUALITY

SPECIAL NOTICE.—We prepay transportation charges on Fertilizers by parcel post, express or freight at our option within 50 miles of New York City. Purchasers, beyond these zones, pay transportation charges.

VICTORY GARDEN FERTILIZER

For Food Production Only

Formulated in accordance with the Office of Price Administration regulations.

As an approved grade we offer this material as our Victory Garden Fertilizer, free from objectionable odor and containing the vital elements essential to plant life. It helps to insure a healthy vigorous growth required for quality vegetables.

Applied before seeding at the rate of 1 ton per acre or 10 lbs. per 200 sq. ft.

An occasional top dressing during the growing season will prove advantageous.

Special Notice:

Purchaser pays transportation charges

When ordering 5 and 10 lb. lots for Parcel Post shipment, add necessary postage (refer to parcel post rates, page 133) when remitting.

When ordering 25, 50, and 100 lb. lots we will forward via express or freight, all transportation charges collect.

Prices:	
5 lbs.	\$0.50
10 lbs. ....	.80
25 lbs.	1.45
50 lbs.	2.35
100 lbs.	\$ 3.70
500 lbs.	17.75
1,000 lbs.	34.50
2,000 lbs.	64.00

Purchaser pays transportation.

TREE and SHRUB FOOD

For Fruit and Shade Trees, Shrubs, Evergreens, Bush Fruits, Grape Vines and Hedges

This food should be applied over the area covered by the overhang of the tree. Where the ground is covered with grass, holes may be made with a crow bar and these holes filled with the food. When setting out young trees mix from 1 to 5 lbs. to each tree in the soil where they are to be planted. When planting a hedge allow from ¼ to ½ lb. to each plant. Directions for applying with each package.

From 1 to 2 lbs. each will suffice for most shrubs and vines. Trees with a spread of about 10 feet require 5 lbs. Up to 20 feet, 10 lbs. Up to 30 feet, 20 lbs. Up to 40 feet, 35 lbs. Up to 50 feet, 50 lbs.

Prices:	
5 lbs.	\$1.00
10 lbs.	1.75
25 lbs.	\$3.00
50 lbs.	4.50
100 lbs.	7.50

Prices on larger quantities quoted on request.

See Special Notice on top of page regarding Transportation.

SPECIAL BONE MEAL, MEDIUM FINE

Slightly Steamed

Contains no concentrates or added chemicals.

Desirable for fertilizing all hard wooded plants, including flowering shrubs, fruit bushes, trees, bulbs, etc.

For Lawns it is a dependable fertilizer, as it contains the essential elements that grass requires. It may be broadcast as a top-dressing at any time either in early spring or during the growing season.

Quantity required. For lawns, pasture and mowing lands 10 lbs. to 200 square feet or ½ to 1 ton per acre. For trees and vines, 2 to 4 lbs. each. For field and garden crops, ¼ to 1 ton broadcast and harrowed in. For rose beds, pot plants, etc., one part to about fifty of soil.

Prices:	
1 lb.	\$.25
5 lbs. ....	.75
10 lbs.	1.25
25 lbs.	\$ 2.50
50 lbs.	3.75
100 lbs.	6.00
500 lbs.	27.50

See Special Notice on top of page regarding Transportation.

SANI-SOIL

Soil Conditioner and Protective Mulch

Improves Soil Structure, Root Development and Germination Reduces Cultivation, Weeding, Watering and Damping Off.

An all organic material, it can be added as a mixture. One-third Sani-Soil to two-thirds ordinary soil will give an ideal soil for seed flats, potted plants or preparing the seed bed for a new lawn.

Use as a surface mulch for evergreens, shrubs, fruits, etc. Prevents the soil from drying and caking.

100 lbs. will cover 100 sq. ft. 1 inch deep.

Price, 25-lb. bag, \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.50. Prepaid within 50 miles.

LAWN ENRICHER

Made especially for feeding grass roots. Our improved formulae supplies all of the elements grasses require from the soil

For New and Old Lawns, Athletic Fields, Golf Courses, Etc. It is Odorless, and Quickly Induces a Luxuriant Green Growth

The constant mowing of grass and removal of clippings also removes a proportion of digested plant food. Therefore, if the luxuriance of a lawn is to be maintained, it must be top dressed at least once a year with suitable fertilizer. The Henderson Lawn Enricher is a clean lawn dressing which never fails in inducing a rapid and rich green growth.

For forming a new lawn a 10-lb. package is sufficient to cover an area of 200 square feet; per acre, 1,000 to 1,500 lbs. Apply broadcast with machine or by hand as evenly as possible on a quiet day and preferably just before rain. If applied during the summer use half of the quantity and water in thoroughly with a hose.

Prices:	
5 lbs.	\$.70
10 lbs.	1.25
25 lbs.	2.25
50 lbs.	\$ 3.75
100 lbs.	6.00
500 lbs.	27.50
2,000 lbs. (1 ton)	80.00

See Special Notice on top of page regarding Transportation.

WORM-KILLING GRASS FOOD

It not only stimulates the grass on lawns, putting greens, tennis courts, croquet grounds, etc., into rich green growth, but it quickly eliminates the earth or angle worms that burrow in the turf in almost unbelievable quantities. Apply at the rate of 1½ pounds per 100 square feet and water in thoroughly. The worms will then almost immediately come to the surface. It is a non-poisonous powder not injurious to animal or bird life. Its fertilizing properties, while combined into a well-balanced grass food, are not so strong but that it can safely be applied on grass in warm weather according to directions.

Prices:	
5 lbs.	\$.75
10 lbs.	1.25
25 lbs.	\$2.50
50 lbs.	4.50
100 lbs.	7.50

See Special Notice regarding Transportation

SHEEP MANURE

Pulverized Wizard Brand

Contains the Life-Giving Elements of Stable Manure in Concentrated Form, Dried, Screened, Sterilized, Pulverized

The Flower and Vegetable garden is particularly benefited by the use of Pulverized Sheep Manure. It should be spread at the rate of 100 lbs. to 1,000 square feet or 2,000 to 3,000 lbs. to the acre, applied after plowing just before the final harrowing.

Grass. Use 100 lbs. per 1,000 square feet. Scatter broadcast over the old lawn or rake thoroughly into the top soil a day or two before seeding a new one.

Florists and Gardeners. In potting soil, one part Sheep Manure to six parts soil is the usual proportion. For liquid use 1 lb. of the manure to 5 gals. of water. In carnation, chrysanthemum or rose houses it is often used for a light top-dressing.

Prices:	
5 lbs.	\$.50
10 lbs. ....	.90
25 lbs.	1.75
50 lbs.	3.00
100 lbs.	\$ 4.50
500 lbs.	20.00
1,000 lbs.	35.00
2,000 lbs.	65.00

See Special Notice on top of page regarding Transportation.

RHODODENDRON & AZALEA SOIL CONDITIONER

Highly effective in creating the necessary acidity for healthy plant growth. Strictly organic and will retain moisture. Used also as a mulch. Apply 5 to 10 lbs. per square yard, incorporating this material with the soil at any season during the year.

Price, 50 lbs., \$3.25; 100 lbs., \$5.00. Transportation paid. (See special notice above.)

LAWN-PAX

A Successful Method for Eradicating Crab Grass

A simple and sure way to keep your lawn free from Crab Grass and other weed pests. Put up in dry powder form, ready to use. Two pounds will treat 100 square feet.

Prices:	
2 lbs.	\$.35
10 lbs.	\$1.25
25 lbs.	2.25

Prepaid within 50 miles.

PLANT FOODS—FERTILIZERS—HORMONES

SPECIAL NOTICE—We prepay transportation charges on Fertilizers by parcel post, express or freight at our option within the first and second zones (150 miles of New York City). Purchasers, beyond these zones, pay transportation charges

ALUMINUM SULPHATE

To acidify a neutral or alkaline soil for acid loving plants such as Rhododendrons, Azaleas, Laurel, etc. Applied 1 lb. to the square yard and thoroughly mixed with the soil and watered well. Will cause Hydrangea plants to produce blue flowers instead of pink.

Prices, lb., 25c; 5 lbs., 75c; 10 lbs., \$1.35; 25 lbs., \$2.25.

See Special Notice on top of page regarding Prepayment.

BLOOMLIFE

Prolongs the life and beauty of cut flowers when added to water.

Packet, 10c., sufficient for 1 quart; 3 packets, 25c; 50 qt. size, \$2.00. Postpaid.

COTTON SEED MEAL

An organic fertilizer containing Nitrogen, Phosphoric Acid and Potash. A valuable fertilizer for acid loving plants. Will tend to keep the soil acid and supply plant food in one application.

Apply at the rate of 5 lbs. per 100 sq. ft.

Prices, 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.00.

DRICONURE

Ideal for Flowers, Lawns, Vegetables and Shrubs. Absolutely safe. Will not burn.

Contains dehydrated cow and poultry manure and peat moss.

Clean and free from weed seed, insect life and fungus.

Practically odorless and always ready for use. All organic—a 2 bushel (50 lb.) bag will top dress approximately 1,000 sq. ft. of lawn.

Price, 50 lb. bag (2 bushels), \$2.25. Prepaid.

ELECTRA

America's Finest Plant Food for the Grower who wants the best. The organics upon which the industry was built are supported by more recently developed organics of complete food type, all properly balanced for quick and complete action.

Contains 80% organic matter. Thirty ingredients are used to incorporate every food element and condition necessary to grow specimen plants.

Price, 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$10.50.

Purchaser pays transportation.

HORMODIN POWDER

This hormone powder produces better roots—faster. Simply dip stems of cuttings in "Hormodin" Powder and place in usual propagating medium. For house, garden and greenhouse plants, use "Hormodin" Powder No. 1.

Price, 1 3/4 ozs., 50c; 1 lb., \$3.00.

"Hormodin" Powder No. 2 for semi-woody types. Price, 1 3/4 ozs., 75c; 1 lb., \$4.50.

"Hormodin" Powder No. 3 for resistant species. Price, 1 oz., \$1.00; 1/2 lb., \$4.50.

A convenient Combination package is available containing a supply of all three powders in one box.

Price, 1 oz., 75c

Plant name lists are included in every package.

"Hormodin 'A'" Liquid. Price, 5cc, 50c bottle; 15cc, \$1.00 bottle. Postpaid.

LEGUME-AID

Inoculant

Combination Alfalfa and All Clovers	1-Bu. each \$0.50 2 1/4-Bu. each 1.00
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Vetch: Aust. Winter Peas, Field and Garden Peas	100-Lb. each .50
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Soybeans Garden Peas	Up to 2-Bu. each .30 5-Bu. each .55 *50-Bu. each 5.00
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*Contains 10 individual 5-Bu. unit sizes

Lespedeza Cowpeas, Lima Beans, Peanuts	100-Lb. each .50
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Garden Peas Garden Beans	Combination For 1-Bu. each .50
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Garden Peas Beans, Limas Sweet Peas and Lupines	Garden Packet For 5-Lb. each .10 Postpaid
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LIME, Hydrated Finely Pulverized

Improves the mechanical condition of the soil, for grass, farm crops, etc.

Broadcast 10 lbs. to 100 square feet or 1 ton to the acre.

Makes excellent Whitewash. Mix 5 lbs. with 2 gallons of water. Sift Lime into water and stir to a creamy consistency. A little bluing added brings out whiteness; 2 ounces of powdered alum prevents rubbing off; one-half pound common table salt or one-half pound Portland Cement helps to make weatherproof.

Price, 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$2.75; 500 lbs., \$9.50; 2000 lbs., \$30.00.

Larger quantities, prices on application.
See Special Notice on top of page regarding Prepayment.

LIMESTONE Pulverized

Not as quickly soluble as hydrated lime.

Price, 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$2.85; 500 lbs., \$9.50; 2000 lbs., \$30.00.

NITRATE OF SODA

For food production only.

Apply around but not on the plants at the rate of 2 lbs. per 100 sq. ft. or dissolved in water 1 oz. to 2 gals. Water in thoroughly to prevent burning.

Price, 1 lb., 25c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$1.75; 50 lbs., \$3.25; 100 lbs., \$5.00.

See Special Notice on top of page regarding Prepayment.

PEAT MOSS, Horticultural

Adds organic matter, improves the texture, conserves moisture and aerates the soil. Gardeners use Peat Moss for packing and storing bulbs, such as Cannas, Dahlias, etc.

Price, carton, 14 lbs., enough to cover 16 sq. ft. 1 in. deep, \$1.00. Full bales, about 20 to 22 bush., covers 240 sq. ft. 1 in. deep.

Price, bale, \$5.00; 10 bales, \$47.50.

See Special Notice on top of page regarding Prepayment.

PHOSPHATE (Super)

A high-grade product of treated phosphate rock. It is readily soluble.

Price, 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.60; 100 lbs., \$3.50. See Special Notice on top of page regarding Prepayment. Send for special quotation on larger quantities.

POTASH MURIATE

For Corn, Grains and Potatoes, etc., quantity 350 to 700 lbs. to the acre.

Price, 5 lbs., 85c; 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$4.50; 100 lbs., \$7.00.

See Notice on top of page regarding Prepayment.

ROOTONE

Roots Cuttings, Stimulates Seeds and Bulbs. Price, 2 oz. jar, \$1.00; 1 lb. can, \$5.00. Postpaid.

SALT, AGRICULTURAL

Price, 100 lbs., \$2.25.

See Special Notice on top of page regarding Prepayment.

SOIL POTTING, Prepared

Fertilized—ready for immediate use in repotting house plants. 4-lb. carton sufficient for 2 five-inch pots, 25c. Postpaid 35c within 150 miles of New York City.

Soil. (Fertilized Top Soil.) Price, 100 lbs., \$2.50. Write for quantity prices.

STIMUPLANT TABLETS

Feeds house plants, roses, flowers, shrubbery, vegetables. Clean and odorless. Insert in the soil.

Price, 30 tablets, 25c; 100 tablets, 75c; 500 tablets, \$2.50; 1000 tablets, \$3.50.

Postpaid.

TAKE HOLD. Starter Solution Mix

A properly balanced mixture of di-ammonium phosphate and mono-potassium-phosphate, yielding a guaranteed analysis of 10-52-17. Quickly available and immediately absorbed by the plant. Ideal for pot grown and bare root plants. The solution tends to sustain the plant at the time it is shorn of its root system and disturbed in moving and helps it get quickly established after transplantation.

Dissolve one to three ounces in one gallon of water. Particularly beneficial to Tomatoes, Peppers, Egg Plant, etc.

Price, 75c per lb. Postpaid.

TRANSPLANTONE means less waste of plants. It is used extensively in setting out tomato, sweet potato, cabbage, tobacco, and other plants, for earlier maturity and larger crop.

1/2 oz. pkt. 25c 1 lb. can. \$4.00

3 oz. can. \$1.00 10 lb. drum. \$36.00

50 or 100 lb. drum, per lb. \$3.30

Prepaid.

TOP SOIL, Prepared

Fertilized and screened, ready for immediate seeding or top dressing.

\$2.50 per 100 Lbs.

VITAMIN B₁ (Thiamin Chloride)

For larger more substantial blooms. For the reduction of root shock in transplanting.

Healthier, faster growing seedlings. Regular weekly treatments with Vitamin B₁ Solutions will result in sturdier plants and roots. Recommended especially for house plants.

Liquid form—sufficient for 1,000 gallons of finished material. Price, \$1.00. Postpaid.

Plant Foods and Soil Conditioners



HYPONEX

A complete and balanced Plant Food. Diluted with water one teaspoonful makes 1 gallon; 1 lb. makes 100 gallons for soil culture or 50 gallons for soilless culture.

With Hyponex - and - water, plants grow luxuriantly, flower abundantly and develop sturdy growth, regardless of the poorness or sterility of the soil.

In fact, with Hyponex they will grow and flourish in clean sand, cinders or barren earth. Hyponex is ideal for hydroponics—the science of growing plants without soil.

Clean, odorless and harmless. Will not cake, spoil or lose its vitality. Price:

1 lb.	.....	\$1.00
10 lbs.	.....	8.00
25 lbs.	.....	15.00
50 lbs.	.....	25.00
100 lbs.	.....	40.00

Transportation paid within 50 miles of New York.

HENDERSON'S

HOUSE PLANT FOOD

A safe, clean and high-grade fertilizer free from disagreeable odor; prepared especially for feeding plants grown in pots. It is a wonderful invigorator, producing luxuriant, healthy growth, foliage of rich texture and larger flowers. Detailed directions on each package.

Price, 12-oz. carton with pouring spout, sufficient for 25 ordinary sized plants for one year, 30c. Postpaid.



PLANTABBS

A convenient plant food in concentrated, easy - to - use TABLET form which provides the elements needed by plants and flowers for vigorous growth and abundant blooms; also provides the necessary amount of Vitamin B1. Every tablet is a FULL MEAL of rich stimulating food. Gives amazing results on potted plants, flowers and vegetables. Will not burn even the tenderest foliage.

Box of 75 tablets, 50c; box of 200 tablets, \$1.00; box of 1,000 tablets, \$3.50. Postpaid.

KEM

Liquid Plant Food

One gallon makes up to 90 gallons nutrient solution. Dilute with ordinary tap water.

Price, quart, 50c; gallon, \$1.00; 5 gals., \$4.25.

Purchaser pays transportation charges.

ADCO

converts straw, corn stalks, dry leaves and such garden refuse as leaves, stalks, cuttings, weeds, potato, bean and pea vines, etc., into

ARTIFICIAL MANURE

By the use of ADCO all the non-woody vegetable refuse such as stalks, cuttings, weeds, withered leaves and flowers, potato, bean and pea vines, cabbage leaves and stalks, etc., is converted into artificial manure. You not only get rid of a lot of useless and unsightly rubbish, but you turn it into rich, clean manure.

The method is very simple. The refuse is arranged in layers, sprinkled with ADCO and then saturated with water, according to the directions which accompany each bag. Nothing further is required beyond keeping the heap moist and perhaps turning it over once or twice. In from three to six months it becomes converted into real manure of excellent quality.

ADCO can be had in packages of various sizes, designed to meet the needs of everything from the smallest garden to the greatest plantation.

ADCO, in 7 1/2 lb. cartons, \$1.10.

ADCO, in 25-lb. bags, \$2.50.

(Enough for 12 wheelbarrow loads of garden waste, making one-half ton of manure)

ADCO, in 100-lb. bags (4-25's), \$9.00.

(Enough for a heap 8 ft. x 8 ft. x 6 ft., making about 2 tons of manure)

ADCO, in 150-lb. bags, \$10.50.

(Enough for a heap 10 ft. x 10 ft. x 6 ft., making about 3 tons of manure)

Field ADCO, in ton lots

at special prices to farmers, market gardeners, etc.

Each package is accompanied by full, explicit directions. The process is so simple that mistake or failure is almost impossible.

Transportation paid within 50 miles of New York.

CATTLE MANURE (Shredded)

A strictly organic fertilizer—weed free.

An ideal soil builder and mulch. Clean with no offensive odor. Easy to apply as a top dressing. When applied to lawns of poor soil texture it has the decided advantage of binding sandy soil and breaking up a clayey condition.

Broadcast at the rate of 100 lbs. per 1,000 sq. ft.

Price, 25 lbs., \$2.00; 50 lbs., \$3.25; 100 lbs., \$5.00.

See note (page 133) regarding transportation.

POULTEX

An all organic pure dehydrated poultry manure.

Made from pure poultry droppings of caged poultry only. 100% pure, no floor litter mixed in.

For lawns use 50 lbs. per 1,000 sq. ft.

For gardens use 50 lbs. per 500 sq. ft. Rake in thoroughly before planting.

Will not leach out during winter snow and rains. Uniform in quality.

Price, \$1.20 per 25-lb. bag; \$2.20 per 50-lb. bag. Purchaser pays transportation.

SPECIAL BONE FOR ROSES

Used by Rose Growers for both outdoor and greenhouse growing. Contains no concentrates or added chemicals.

Price: 1 lb., 30c; 5 lbs., 75c; 10 lbs., \$1.50; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$6.00; 500 lbs., \$27.50; 1,000 lbs., \$50.00.

See Notice (page 133) regarding Transportation.

COMPOST

Spent Mushroom Soil. Henderson's Screened. An Ideal Preparation for Top-Dressing Gardens and Lawns. Also for Window Boxes and House Plants. It consists of well-rotted manure and soil, which has been used in the growth of mushrooms.

Excellent for mulching or top-dressing roses, evergreens and fruit trees.

For lawns, use 400 lbs. per 1,000 square feet.

Price, 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$2.50; 500 lbs., \$10.00; 1,000 lbs., \$18.00; 2,000 lbs. (1 ton), \$30.00.

See Notice (page 133) regarding Prepayment.

HUMUS Pulverized

Nature's Product for Enriching Lawns and Gardens

Humus is not a chemical fertilizer, but a natural organic substance consisting of deposits of decomposed vegetable matter that have been accumulating for countless ages.

Pulverized Humus is black in color, it is easy to apply, and serves many functions in the soil. It loosens heavy clayey soils, and promotes aeration. It increases the moisture absorbing power of light, sandy soils and corrects the mechanical condition of medium soils.

Pulverized Humus is absolutely odorless and is therefore very desirable for starting seedlings indoors, also for potting bulbs and other house plants. 100 pounds of Hyper Humus will cover 100 square feet of area to a depth of 1/2 inch.

Price:		
25 lbs.	.....	\$1.00
50 lbs.	.....	1.50
100 lbs.	.....	2.50
500 lbs.	.....	\$10.00
1,000 lbs.	.....	16.00
2,000 lbs. (1 ton)	.....	30.00

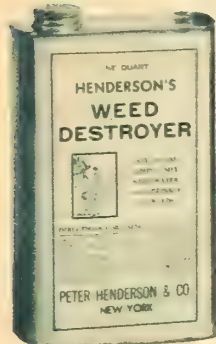
Send for Special Quotation on carload lots.

See Notice (page 133) regarding Transportation.

Chemistry Comes to the Aid of the Gardener

HENDERSON'S FLUID WEED DESTROYER

KILLS POISON IVY



Kills all vegetation it comes in contact with including poison ivy and prevents growth for a period of one year. Complete directions on every can.

A sure killer of weeds, grass, etc., on tennis courts, paths and driveways. 5 gallons is a sufficient quantity for tennis courts. Easily applied with sprinkling pot or cart. Dilute with water according to directions.

A quart can makes 7 to 10 gals., sufficient for 200 sq. ft. \$.75

A gallon can makes 30 to 40 gals., sufficient for 800 sq. ft. 2.25

5-gallon keg makes 150 to 200 gals., sufficient for 1,000 sq. ft. 10.00

Prepaid 150 miles New York City.

Weed-Knell—Weed Root Exterminator Non-Poison

Kills roots completely. Wonderfully quick, easy method—merely touch the dandelion with the special Instant Weed Cane and the entire plant DIES, dries up and blows away. Starts turning weed black within one hour after application.

No digging, no pulling, no stooping.

The Instant-Weed-Cane releases four drops of the Weed Knell which is enough liquid to kill normal weeds. (Dandelions, Thistles, Burdocks, Plantains, etc.) No repairs, always ready for use—simple directions with each Cane—finished with a beautiful jade green lacquer, 34 in. long.

One gallon is sufficient to treat about 9,000 weeds.

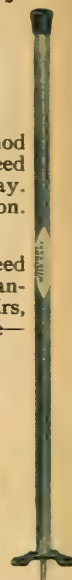
½ gallon can. \$1.30

1 gallon can. 2.35

5 gallon can. 10.50

Instant Weed Cane. 2.00

Transportation paid within 150 miles of New York City.



A WONDERFUL SCIENTIFIC DISCOVERY NOW MADE AVAILABLE TO ALL GARDENERS IN THE JAPANESE BEETLE-ZONE JAPIDEMIC (Milky Disease Spore Dust)

Nature's Control Medium Which Destroys the Beetle Grub

Japidemic contains the living spores of the bacterium (*Bacillus popilliae*) which causes the milky disease of Japanese Beetle grubs. After years of study of a number of disease causing organisms by the Bureau of Entomology of the United States Department of Agriculture, it was found that the bacteria of the milky disease is the most effective, as it multiplies rapidly in the beetle grub and soon causes its death.

Japidemic is distributed on top of the ground or on turf in grub infested areas. It is not to be used as a spray, as it has no direct effect upon the adult beetle. One treatment under favorable conditions will permit the rapid spread of the disease, and destroys the grubs within the area. The bacteria remains alive for a long period, and is ready to infect and kill successive broods of Japanese beetle grubs as they move about in the soil, feeding on plant roots.

Japidemic is harmless to grass and other plant life, and has no ill effects on human beings or warm blooded animals. Japidemic is a biological product requiring exacting laboratory equipment, which of necessity limits the quantity in which it can be produced. One pound will treat approximately 4,000 square feet.

Price per pound \$5.00 postpaid.



DU PONT WEED KILLER

Du Pont Weed Killer is based on a new industrial chemical, Ammonium Sulfamate, which has undergone extensive evaluation during the past three years for the eradication of many important weed pests. Ammonium Sulfamate has been known as a laboratory curiosity in chemistry for approximately 60 years, but it was not until a few years ago that Du Pont chemists found an economical way to produce commercial quantities of this chemical compound.

First used in certain analytical processes, later experiments disclosed that it has great value in chemical weed control. While much experimental work is still in progress, results so far made available have demonstrated the outstanding merit of Du Pont Weed Killer in the control of certain weeds.

Poison Ivy Easily Killed by Du Pont Weed Killer

Complete kill of poison ivy growth usually follows one application if the foliage is thoroughly wetted with recommended concentrations. Killing of the foliage may not be apparent for several days, followed by action on the roots within a few weeks.

Du Pont Weed Killer is effective on ragweed and common annual weeds. It has many other uses for weed killing purposes.

A spray solution of one pound per gallon of water is usually sufficient to treat 100 sq. ft.

Price, 75c. lb.; 5 lbs., \$2.50. Postpaid 1st and 2nd Zones.



ZOTOX

Crab Grass Killer KILLS CRAB GRASS

Without Destroying Lawn Grass

A Selective Chemical

The amazing feature about Zotox is that it kills Crab Grass without destroying permanent lawn grasses. This selective action is possible because Crab Grass has broader leaves than most turf grasses and many times the quantity of leaf surface, which caused it to absorb an excess quantity of the Zotox poison. Being a shallow rooted annual also makes Crab Grass less resistant to Zotox than the deep rooted perennial grasses.

Zotox may be expected to temporarily discolor the turf, but after a few days it regains its natural color and vigor and the Crab Grass is dead.

Zotox Is Sold in 4 Convenient Sizes

8 oz. size (makes 5 gals.—treats 1000 sq. ft.) \$1.00
16 oz. size (makes 10 gals.—treats 2000 sq. ft.) 1.50
32 oz. size (makes 20 gals.—treats 4000 sq. ft.) 2.50
5 lb. size. 4.50

Postpaid 1st and 2nd Zones.



Henderson's Selected List of Garden and Farm Books

ORNAMENTAL PLANTS AND FLOWERS

- Henderson's Handbook of Plants and General Horticulture.** By Peter Henderson. The standard American dictionary of plants, a complete work on cultivated plant life. Everything is arranged alphabetically and very complete descriptions are given, with full cultural instructions for everything of importance. There is sufficient matter given on all gardening subjects to allow this book to be termed *The American Gardener's Dictionary*. 526 pages, profusely illustrated. \$3.50
- America's Garden Book.** By Louise and James Bush-Brown. Not only does this book give detailed, workable information on the culture of the desirable types and species of flowers, plants, shrubs, vines, vegetables, and trees but it gives invaluable data on a host of plant material, such as time of bloom, color, fragrance, soil and shade conditions, and practical uses. 3.50
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Implements page 133.

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PETER HENDERSON & CO.

35 Cortlandt Street New York, 7, N. Y.

Telephone Cortlandt 7-7530

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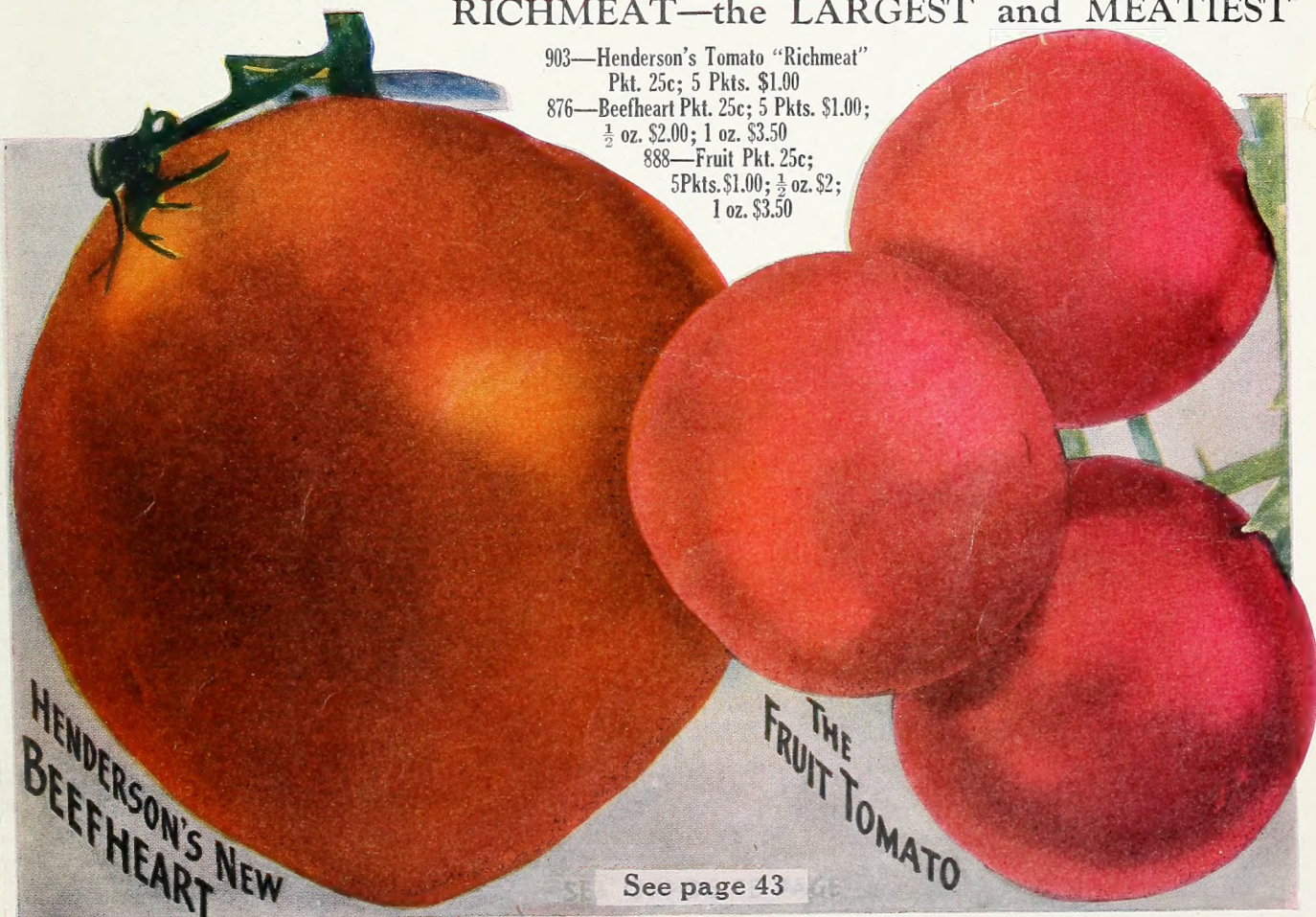
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